<211> 464
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-014-Q1-E1-B7

<400> 11069

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tcataccgac ttttctcagt tcggttttcg ccgtttcacc actcaaaact gatacgttaa 120

aaccggggca gcagctcaga gactgggagc agttgatctc tgcggatggt atcttcactc 180

tcggattctt tacacctaaa gactcatcta cttccgaact cgggtcagct ggtcttagat 240

atcttggtat ttggcctcaa agtattccaa taaatctagt ttgggtgggt aacccaaccg 300

aatcagtttc tgattcatct ggttctctat ccattgacac canatggggg ttctaaagat 360

aacacanggc aanacgctat tccaatcttg gtgaaaccaa agaccagccg ccgcagcttt 420

cattgggtcg ggaaatgtgt cggcaatttt antcgatacc ggga 464

<210> 11070
<211> 387
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-013-Q1-E1-G9

<400> 11070

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tcgaccaaag cccacacgtc acgttacgtt aggttacaaa acaagttttt tcccttataa 120

aaaaaacatt gataaaatcg aaaaatcaat tcctattttg tttccaaagc aaatctatat 180

atctattacc catctcgaat tcgaccgaac ccatgttcta atctccttcg caacattgga 240

aatctatttt aaaaatccgt tgagatatag ttatataagt agtttggtga cncatttagg 300

ttacacacaa agacatggga ttggntggtg tancgagttc tcctcctgat gttgcgatct 360

cagctttgcg tgaagaagca tganaaa 387

<210> 11071
<211> 486
<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-013-Q1-E1-E7

<400> 11071

ttgtttaggc ggncgtaccg gtaaganaat tcccgggncn acccacgcgt ccgaaacact 60

ccgccgaatt tttacccttc tccactggtc atccgcgttt tttttccggg tctaaggtca 120

ccggaaaaat ggctttccgg cgagtgttaa ccactgtaat cctcttctgc tacttactaa 180

tttcatctca atccattgaa ttcaaaaact cccagaaacc ccacaagatc caaggaccaa 240

tcaagactat agtcgttgta gtcatggaga atcgctcctt cgatcacatc ctcggttggc 300

tcaaatcgac ccgacccgaa atcgacggat taaccggcaa agagtcaaat ccccctcaacg 360

tctccgatcc aaattccaaa aagatcttcg tctcagacga cgccgtcttc gtagacatgg 420

attcgggtca atcattcnan gcgatccgag aacaagatat tcgggtccta acgatacaat 480

ncggcg 486

<210> 11072
<211> 498
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-013-Q1-E1-F1

<400> 11072

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ccttttgac taaaattccg cgacttgggc tttgatccat tcccagtgaa tctcactgct 120

tttctcacag aaaaaaatca ctccttttc ctggattttg ttttctcgac tgatttgggg 180

aaaagctatg gtggtctgat taatctctgt ctgtctttgg tgagatgggt ttggatgctg 240

ttaaagctaa agggaattgg aaatcnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 300

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 360

ntggttgctg ggtcaaattt angtttatga ttggttgcat accttcaaaa tcagaccttg 420

atgcttctcc tcctctatcc taaggctcct aactgcactg ttacaacaat gggaaagtaa 480

atcggcaaat gagaaaat 498

<210> 11073
<211> 407
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-013-Q1-E1-F10

<400> 11073

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ttggtcatgg cggcagggct gatgagcttg tgtttgaagc tatagttcag gttccagata 120

gccctttgtt taaccaagga gttgttcttc ggaaattgaa taccactcga gctcaaagac 180

gaggaagaag agctatagaa gtttttaaga agctagttcg tcggagactt ctctaccatt 240

cttactcaat gcaagttcac ggttatatca ccaataactt aagcgatgat cagtactcat 300

ttacccttgt acatgggtgc catggaagtt tctcgattag gcactggctt caacaatctg 360

attggattcc aacattagna gctactcttg cattanctga agaatcc 407

<210> 11074
<211> 432
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-013-Q1-E1-F2

<400> 11074

gctctcagat tcctgatttt gatcagttat ggtggctttc cattgtcgct gcggtcatgt 60

cttttgctta ttctgccatt ggacttggcc ttggtgtctc taaagtggta gagaacaaag 120

aaattaaagg tagtctcact ggagtcactg ttgggacagt gacactgagt gggacagtga 180

catcgtcgca gaaaatatgg agaacatttc agtctcttgg caacattgcg tttgcgtact 240

cttactcgat gattctcatc gaaattcagg acacggtgaa atcaccgcct gccgaagtaa 300

acacgatgag aaaagcgact tttgtaagtg tggcagtgac tacagtcttc tacatgctat 360

gtggctgtgt anggtatgca acatttgggg ataacgcacc cggaaatctc ctcgctcatg 420

gagggtttan aa 432

<210> 11075

<211> 493
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-013-Q1-E1-F4

<400> 11075

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caagaacttg ctcattcctc aaagcatcca cacataatca cgatgaagct ctttgttcat 120

ctctctatct tcttctccat cctcttcatc actctcccat cttcttacag ctgcaccgaa 180

aatgacaaga atgccctcct tcaaatcaag aaagcacttg gcaatcctcc ccttctatcc 240

tcctggaacc cccgaaccga ctgttgtacc ggctggaccg gcgtcgaatg cactaaccgt 300

cgcgttaccg gtctcagcgt tacctccggc gaagtctccg gtcagatctc gtaccagatc 360

ggcgacctcg ttgacctccg tacactagat ttcagctacc tgccacacct caccggaaac 420

atccacgcac catcaccaaa ctcaagaacc tcaacaatct ctacttgaag cacatagtct 480

ctccggtccg att 493

<210> 11076
<211> 444
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-013-Q1-E1-F5

<400> 11076

gggaagattt gatcggacga ggaagctgag aaaaaaacaa aaacgacaag agattcattc 60

aaacttgcac gccaacgccg gattattccc ggtgtatacg tattttatac ggttctattt 120

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnatttt aaggaaagag tttttgtttg 180

aattggaatg gagggtgttt tcttaaaaat gtcggtggtt ggagtatctc cgatgatacc 240

ggtgggacct tcttctttca tatgcgccat cggaggctct gttgaggaga aatcaacggc 300

tgcttctctg ccgcgttggg tttcccttcg tcgtcttcgt ccgcttgagt ttcntcggat 360

cggtggtaag agaanaggaa aagggaacgg taagagacga cnacccgttt ttgttggaga 420

gaagggaccg gaaccgcaac gaaa 444

<210> 11077
<211> 397
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-013-Q1-E1-F6

<400> 11077

cgctcacttt gttttagctt tctcctctac ttcgataatg ccgtttgctc cttccttgtt 60

gtcatcgtct tcctcagtct ctcaatttct tcccagattc cccaacgcga ctagattcaa 120

tgtaactcca cggagcagag ccgccaccgt cgtcgcggca tccgtcancg anctagccgg 180

ggtcgacagt acaacaatcg ccgtactcgg tggaggatcc gtagcancac tcgcggcgat 240

ggtttcctta acggatccgg agaggaggcg gaaattgcag gcggangaag ttggcggagg 300

cgataaggaa ggttgtgagg gagtatttca atagcacggg gttcnagaag gtggaggaag 360

atctacggtg agactgatga agtgaatcna gtacagg 397

<210> 11078
<211> 443
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-013-Q1-E1-F8

<400> 11078

gaaaaaaaat atgtannnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 60

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn ccgctggacg 120

tcgaaacaac ctgcctcgtc caaacctcag aagacgatgt aaggtcaccg cttcacgggc 180

taatattgaa caagaaggta acacagtgaa agaacccatt cagaatatta aagtaaaggg 240

atacataacg gcccaagaag agtttctgga gggcataact tggtcgagag gtctcgatga 300

cattgctgat atccgcggca gatcattgct cgtcgagctt attagcgcca agactgacca 360

gcggattacg gtagaagact acgcacaacg tgtatgggcc gaagcccctg atgagaagta 420

cgagtgcgaa tttgagatgc ctg 443

<210> 11079

<211> 408
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-013-Q1-E1-F9

<400> 11079

atctaccaac aaatcctcaa ctccttcttc ttcactaata gtataccaca aaacctcaaa 60

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atcacagaaa ggtcatcact tgtctcgtcg gcgtcgcatt tcaagaagag gacacagtca 180

acacagttct cgatcaaccc ttttgaccgg agaccaagaa aaaccaaatc cggcgtcgtt 240

gcagccatca gcgaggattt ggtcaaaacg ctgcgttttt ccacaacgac cggagacaga 300

aagagcgaag aggaggagaa agcggcggtg aagttcaagg tgagagctgt ggttactgtg 360

aggaacaaga acaaggagga tttgaaagag actcttgtta agcatttg 408

<210> 11080
<211> 444
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-013-Q1-E1-G1

<400> 11080

gctagatggc acgagcactt gcagtgctgg tgtctgaact tccatgggac gagttactgt 60

tgcttcggtc aagaactttc agctggttgc gaccgttgac caaagtcaac cgagcggtaa 120

aggcgatgaa gaaacagttc ttctacagtt tggtaaagtg ggagatgaca ctttcactat 180

ggattataga cagcctctct ctgcatttca ggcttttgct atctgtctca caagtttcgg 240

cactaaactt gcctgcgagt gaaacccaac anaaggcaac agaaaagaaa aagtgaactg 300

gctttgcaaa aatgtaatgt tttgatgtat catgtgtaag tgttaacaca aaggtatgtg 360

gaaagggaga agcacataag tattaatatg tangaaacat tatttaaacc cataatcata 420

atgtatctct aagttaaaaa aaaa 444

<210> 11081
<211> 384
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-013-Q1-E1-G10

<400> 11081

gnacacgcgt ccgcaaaaac cctagaatat cttanagctt cgcttcactt tcaagctcga 60

gactttgaga aagatgcctc cgaaagccaa agctaaagat gcaggtcccg tagagaggcc 120

tattcttggc cgtttctctt ctcacctcaa gatcggaatt gttgggttac caaatgttgg 180

aaaatctant cttttcaaca ctcttacaaa gctttcaatt ccagctgaga atttcccctt 240

ttgtaccatt gagcctaatg aggcacgtgt gaatatcccc gatgagaggt tcgattggct 300

ttgccaaact tacaagccta agagtganat tccagctttc ntggaaattc atgacattgc 360

tgggcttgtt agangagctc atga 384

<210> 11082
<211> 415
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-013-Q1-E1-G4

<400> 11082

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attcgccgga tgaggagtat attggagaga gacaacagcc gtcgatttgg acaggagatg 180

cggagattgt tgaagcgttt tatggatttg cggcagagat cggacggata gagaaagaga 240

ttgagaaaag gaacgctgat cctgaccgta gaaatangtg tggggctggt gttttgcctt 300

atgagttgtt ggttccgagt tctgancctg gtgttacgtg tagaggtgta cctaatagtg 360

tatccatata attaagaagg aaattattta taagaaaaaa aaaanaaaaa gggcg 415

<210> 11083
<211> 441
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-013-Q1-E1-G5

<400> 11083

caacaaaacc acaaagacga ctctcttcag agagttttga gagggtgaga gagccgtgct 60

cggcgttgtt agaaagaaag ctgagaattg caactgctta caagagcaat gtcgacaagc 120

tgatcaagag tctcttggat ttgtgcttct gtacttctta agaggaaggt cccgcaagat 180

accatcttct caaaagtcca atcaatctac gcttttcaat tcgccacgtc acagaatcct 240

gaccgttaga tacaaacgcg ccaactcgtt tgtacccagg cggaaaatga ctatattacc 300

cttattcatt atcatcttta tccatttgac ggtaaactaa aattctctct caggtcaaac 360

tttgctttct ggtacggcgg cgatgtcgac gatttcgatc atcgggactg agactcctac 420

gaatcactca ggctcggtca c 441

<210> 11084
<211> 445
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-013-Q1-E1-G8

<400> 11084

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ttgcatgaag atatccagaa cattttctct cagaatcagc catcctctgt tcttaaacca 120

cctgcaacta ccactggtga cattcaaaat ggaatgaaca agaccgcttc agcgacaaat 180

ggaatattcc gtggaacaca agcagcaagt ancggtggta acgcactcca atatgagttt 240

gggaagccta agggttctct ttccagaagc atgcatgatg agttgggtac ttcttctcag 300

gacgctgcaa aagctgttcc ctattctttt ggaggggaaa ctgcaaatct ccccaaacca 360

ncatctcact cactgggaaa taacaaaccg gtacttccat cgatntcagt agccaaagcc 420

cttccaaaaa tgggcaatcc cttcc 445

<210> 11085
<211> 408
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-013-Q1-E1-E11

<400> 11085

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acttcacttt tggtgtataa agcatagttc gttgggaact ttttttttaca gctttggagt 180

aactaccttt catggttttt ggttccaaca atggggtcaa aatcatttgg aaatctatta 240

gacttggcct ctggggatct tttggacatt cctcagactc cgagatatct tccaagagtg 300

atgactgttc ctggcattat ctctgacgtt gatggatatg gaattagtga tggcgattca 360

gatgtcattt cattaccttg ccgtgagcgg aaaatcattg tggccaat 408

<210> 11086
<211> 448
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-013-Q1-E1-A4

<400> 11086

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gcgaagaacg ttgggatttt ggctatggat atctatttcc ctcccacctg tgttcaacag 180

gaagctttgg aagcacatga tggagcaagt aaagggaaat acactattgg acttggccaa 240

gattgnttag ctttttgcac tgagcttgaa gatgttatct ctatgagttt caatgcggtg 300

acatcacttt ttgagaagta taagattgac cctaaccaaa tcgggcgtct tgaaagtagg 360

aaagtganga ctgttattgg acaaaagcaa gtccatcaag accttcttga tgcagctctt 420

tgagaaatgg tggaaacact gatgtcga 448

<210> 11087
<211> 444
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-013-Q1-E1-A7

<400> 11087

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ccacaaaccc atttcctctc tcgccttcct ctcagagcta aacctagaca cttctccgca 120

agagtcaaaa tgtctctcca agaatctgcg ccttcactcg ccgtcgttgg cgttaccgga 180

gccgtcggac aagaattcct ctccgtctta tccgatcgag acttcccttа tagctccatc 240

aagatgcttg catcgaaacg ctccgcaggg aagcgtgttg ccttcgatgg ccatgaatac 300

acggtggagg agctcacggc ggatagcttc aacggtgtag acatagcttt gttcagtgct 360

ggtggatcca taagcaaaga gtttggtcct ctggcggcgg agaaaggaac cattgttgtt 420

gataatagct cggcttttag aatg 444

<210> 11088
<211> 438
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-013-Q1-E1-B5

<400> 11088

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tgagatggtt gaggttatct atgacaaagt gactggccgg agcaggggtt tcggatttgt 120

gacaatgtca accgcagcgg aagttgaagc agcagctcaa cagttcaatg gctatgaatt 180

tgaaggcaga cctttgagag tcaatgctgg ccctcctcca cctaaaagag aggaatcctt 240

ctccagagga ccaagaannn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 300

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 360

nacggttctc aacgtantgg tggtggttac ggagggtctc aaanttccag ttatggttcg 420

gggtcagggt ccggttcn 438

<210> 11089
<211> 446
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-013-Q1-E1-B6

<400> 11089

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gcctgggaga gctgtccctg aggcgcctcg tcaatcttgg gatggaccaa aacccatctc 120

tatcgttgga tctactggtt ctattggcac tcagacattg gatattgtgg ctgagaatcc 180

tgacaaattc agagttgtgg ctctagctgc tggttcgaat gttactctac ttgctgatca 240

ggtaaggaga tttaagcctg cattggttgc tgttagaaac gagtcactga ttaatgagct 300

taaagaggct ttagctgatt tgggactata aactccagat tattccagga gaacaaagga 360

gtgattgagg ttgccccgac atcctgaagc tgttaccgtt gttancggaa taataagttg 420

tgccgggact aaaacctacg ggttgc 446

<210> 11090
<211> 447
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-013-Q1-E1-B7

<400> 11090

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tttccaagaa aaaagagggt tttagagaga agcaaaactc aaatggcgac gaacatcgga 120

atgatggata gtgcatactt cgtcggaaga aacgagattc tgacttggat taatgatcgt 180

cttcacctca atctctctcg cgtcgaagag gctgcatctg gtgctgtgca atgtcagatg 240

cttgatatga catttccagg agttgtgcca atgcacaagg ttaactttga tgcaaagaac 300

gagtacgata tgatacaaaa ctacaaggtc ttgcaagatg tgttcaacaa gctgaaaatt 360

acaaagccat tggaaattaa cangcttgtc aaaaggccgg gncactggat aacttggagt 420

ttccgcaatg ggctgaaacg tttccgg 447

<210> 11091
<211> 480
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-013-Q1-E1-C1

<400> 11091

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ttctacatcc ctacgtacgt cctctcggcg gaaacagaag aggaggagga ggaggagagt 180

cgtcctacac ctgcgagccc cgtccttgtc ttcatcaact ccaaaagcgg tggtcagttg 240

ggtggcgaac tcattctcac ctaccgatct cttctcaatc acaatcaggt ctttgatctc 300

gaccaggaga ctccagataa agtgctccgc agaatctatc ttaacctgga gaggctcaaa 360

gatgatgatt tcgctcgtca gattcgggag aaattaaaaa tcantgttgc aggangtgat 420

ggcactgctg ggttggctcc tggagttgta tgtgacctaa aattgtcaca tcntcctcca 480

<210> 11092
<211> 413
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-013-Q1-E1-C11

<400> 11092

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aaacgacgct tattttcact ctgcttgagc tcttcatcgt gtcacacagc acgatcttgg 120

acgtcgtttt aagcgcaaaa caaaggaaaa agactgacgt ttatacatac taaatactgg 180

tttggagttt tgccttttgg actcagaaaa ctcaaaagag agagagagac atttctgtat 240

cttatcgggt tttgtgttgt cagaaagaag ctcaaggaca aaaaaaaaag caattatttt 300

tagggttcaa acgaagcaaa atttggaact ttcagaagtt gtgggtggtg gcttcttgaa 360

caataaagct ttttcttaga ctcttcttcc aatttgtgac tcctacctat ctc 413

<210> 11093
<211> 445
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-013-Q1-E1-C8

<400> 11093

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nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn gctttggcca cgacggcacc gttagctccg 120

gtcaccagtc agcgaaaagt acggaacgat ttggaggaaa cattaccaaa accatacatg 180

gcaagagcat tagcagctcc agatacagag catccgaatg gaacagaagg tcacgatagc 240

aaaggaatga gtgttatgca acaacatgtt gctttcttcg accaaaacga cgatggaatc 300

gtctatcctt gggagactta taagggattt cgtgaccttg gnttccaacc aatttcctcc 360

aacctttggg ncctactcat aaacttagcg ttcagctacg ttacacttcc gagttgggtg 420

ccatcaccat tattgccggt ttata 445

<210> 11094
<211> 441
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-013-Q1-E1-D3

<400> 11094

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gggagaaatt cccaaggaac tagctgctct tcccgagctt cggtatctat accttcaaga 120

aaaccgtctc attggtagaa ttcctgccga actggggact ctgcaaaacc ttcgccacct 180

agatgttggt aacaaccatt tggtgggaac tatacgggag ctcatccgtt ttgatggaag 240

tttcccagct cttcgcaact tgtacttgaa taataactat ttgagtggag ggattcctgc 300

tcagctgtca aatcttacaa acttagagat tggtttacct gtcttacaac aaatttaatg 360

ggaacattcc ttttgccatt gctcatattc ctaaactgac atacctgtac cttgatnaca 420

accaatttan cgggagaatc c 441

<210> 11095
<211> 496
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-013-Q1-E1-D4

<400> 11095

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atgtggnttc ganatttgta tgcnaggttg tctccgacgt tgaaccacaa ggattgantc 120

ttaatgacaa ctattgcaag cctctttcag gttgtgttgc acggcgtagt gaatatgcaa 180

gttgccgaac cantggttgt ggganatggt ggatgagttt gtctaccagt tccaaagttt 240

ctgtcaattc anagcaaagc tcaagaacaa aacagaggag gagattgcat tgctcagaca 300

gcacnataag gcctggaatg tctatggcgt gctcaacttc ttgcaagcac ttgtggagaa 360

gtcttgtntc atccagatcc ttgagcatga caaggatngc cttgagttca ctgagactga 420

tggctacnat ttcagcggtg gcaacaacgt cctgaaggtc ctcggttact cacaatggcc 480

ngccccttgc ctgtca 496

<210> 11096
<211> 442
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-013-Q1-E1-D5

<400> 11096

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cgcatttttg ttcatcaaat cattccatta tattgatgga attcgtttat catccaccgt 120

cctcaacctt tcaaccgccg gtggtcaact tgaacgagtt tggtgaagca aatcggaaag 180

tactgtgaac caaatcagag attggtgtga agccatggtc caatcgcttt ctaaaggtat 240

gaatctaacc gtttaattag acatcaccga agaaactcgt ccccttttccg acggtgctca 300

acatctgcga cttcgatgaa ctaaatcaga gactttgatg aaccaaatcg ttttctgaag 360

gtatgatgct atctgtttgg tgtgtggttg tttgatttgt ttctggagat ttaaattctg 420

ttgatgtgat tgaactttga aa 442

<210> 11097
<211> 439
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-013-Q1-E1-D6

<400> 11097

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ctttgactga tttcgtagca aaaggactcc accatgggtc tctagtggag aaaggatcgg 120

gattcaataa tgcagattcc actccacagc aaacaaatgg cgaggacggg gaaaagcata 180

tgggtagcaa ttcgggcaag tcagattatg aagctccaat acaagtggtc aatcatgaga 240

aattactgtt cttagtcttt tcgttaattc agaaacttgt tgatgacgaa cgaccagagg 300

tcaggaattc agctgtcagg acatttttc agattttggg aagtcatgga aacaaacttt 360

caaaaagcat gtnggaagga ttgtccatgg aactatatcc tccaatgttg gatggcgcct 420

ctcacaaggc tgcaacatc 439

<210> 11098
<211> 501
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-013-Q1-E1-E1

<400> 11098

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tttataagct tctctttggg cattacaatt ttttttgtga acatagaaac actcaaaact 120

tcaaaccaaa aaaaataaat gggagaggaa gannnnnnnn nnnnnnnnnn nnnnnnnnnn 180

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnacaagaa agtggatgct 240

gagaaaaaag gagaagattc tgacaagaaa gcctcaagaa ngagaatcta acaaagattc 300

caaagaagat tctgctccgg cggcgcctga ggctccagca ccgcctcctc cgccgcaaga 360

ngttgttcct aaggtttaca tgcactgtga angatgtgct anaaaaatcc gcccgttgtc 420

tcaaaggctt cnaaaggagg tngaaagatg tnatgaccgn nttttaaacc ggggaaaatt 480

gtgggggaaa ggngagaaaa c 501

<210> 11099
<211> 395
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-013-Q1-E1-E10

<400> 11099

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attttttgttc tacccttgcg aatctctgaa atgaaccctc aagctaatga ccggaaggag 120

tttcagggag attgttcggc gacgggagat ctcacggcaa agcacgattc agctggagga 180

aacggaggtg gaggtgctag gtataagctg atgtcaccgg ccaagcttcc gatctcgagg 240

tcgactgata tcacgattcc tcctgggttg agtccgactt cgtttttgga atctcctgtt 300

ttcatctcca acatcaagcc agaaccttcc cctactactg gttctttgtt caagcctcga 360

ccagtgcaca tttctgctag ctcaagttcn tatac 395

<210> 11100
<211> 496
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-013-Q1-E1-A3

<400> 11100

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tgcacactac tcgctccaat gggaaaggga acagggagtt tcggtaagag gaggaacaag 120

agtcacacac tctgtgtgag atgtggtcgt cgtagtttcc acatccagaa gagtcgttgc 180

tcggcttgtg cttacccagc tgctcgcaag aggacttaca actggagtgt gaaggccatc 240

aggaggaaga ctactggtac cggaaggatg aggtatctcc gtaatgttcc tcgtcggttc 300

aagactggat tcagagaagg tactgaagcc aagccaagga gcaaggcatc agcttcatca 360

agcttaaaga gccagttcga gtagtctctc aggaaagact aaagcttaac atttttttgc 420

attcaactaa nttgaagatt acctttcaat gtggatctca aacattangt taaggtgggt 480

tttgttcctt ggtaaa 496

<210> 11101
<211> 426
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-011-Q1-E1-G8

<400> 11101

gctcccattt aatggtttcc tcttaaacca ttcccttccc ttcctcctaa ctgcaatcta 60

ctctccacct aacattgctc cgttttgact cgctcgactc ggctaagtga ccacagttcc 120

tttcgagcca ataaaatggc tacgggacag ctattttcac gcaacacaca agcgttgttc 180

tacaattata agcagcttcc cattcagcgt atgcttgatt ttgatttcct ctgtgggcga 240

gaaactcctt ctgttgctgg tatcataaac ccaggttccg agggattcca aaagctattt 300

tttgggtcag gaggagatcg ccatccctgt ccacgcagcc attgaggcag catgcgctgc 360

gcatcccaca gcagatgtat catcaacttc gcatcgttta gaagtgctgc tgcttcatcc 420

atggct 426

<210> 11102
<211> 430
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-011-Q1-E1-G9

<400> 11102

ggaaaatgtg attatccatt cgatttttc gcagaagaag acgaaagaga gaagaagaga 60

aagagatttg aaatcatggc gaatgtagtg ggacagctaa aacgaggaat ctcgagacaa 120

ttctcaactg gatcgcttcg tcgtacgctt agtcgtcaat tcacgcgtca agcttcacat 180

gatcctcgcc ggaacaatat gcgatttagt tttggtcgac aatcgtcttt agatccgatt 240

cgtcggagtc ctgatggttc taacggtccg cagcttgctg taccggataa tctcgacgct 300

actatgcagc ttctatttgt ggcttgtaga ggtgatgttg aaggtgttca ggatctgctt 360

gatgaaggta ttgatgttaa tagtatcgat cttgatggtc gtacggctct tcatatcgct 420

gcttgtgaan 430

<210> 11103
<211> 423
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-011-Q1-E1-H5

<400> 11103

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nnnnnnnnnn nacgattctc gctcactgtt catcgaatcc gtcattggat cgattcgaat 120

ttggtgtgtg ttttctttcc aatacctctg attagagatt tcagcagatc tgaacggagg 180

agcgtcagat cggaatcgtc cgtcggtggt ttggtaaaaa aaaaaatgga ggaagcttta 240

gaaatggcga gagccaagga tacaaaagag cgcatggctg ctgttgaaag gctgcatcaa 300

cttctcgaag cttctaggaa gagtttgagt cctgcggaag tgacgtcact tgttgattct 360

tgtttggatc tccttaagga tagtaatttt agagtctctc aaggtgctct tcaagctctt 420

gct 423

<210> 11104
<211> 424
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-011-Q1-E1-H6

<400> 11104

gcnaatttcc ccaaatttgg taatacgatt tcgtcaattt acttcgcaat cgattcaatt 60

caattatgtc tctattactg gaagagatca ttagatcagt agaggctttg ctgaagctca 120

gaaatcggaa tcaggaaccc tatgttgacc cgaatctaaa cccggttctt ctagttccag 180

gaatcgctgg atcaattcta aacgccgttg atcatgagaa cgggaacgaa gaacgtgttt 240

gggttaggat ctttggtgct gatcatgagt ttcgaacaaa gatgtggtct cgatttgatc 300

cttcaactgg taaaacgata tctcttgatc caaaaacgag tattgttgtt cctcaagaca 360

gagctgggct acatgcaatt gatgtcctag ancctgatat gattgttggg cgtgagtccg 420

tgta 424

<210> 11105
<211> 426
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-011-Q1-E1-H7

<400> 11105

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ggatccgaga gagagagctc tggaacgata ttaacatata tcatgaagaa aaagattgaa 120

gtattgatat gggaataact aaaacttctc ctaatactac aattctcttg aagactttnn 180

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240

nnnnnnnnnn nnnnnnnnnn ggattcgacc gatcagattc tcccaattta acaactcagc 300

agaagcaaga gcatcaaagg gtagagatgg acgaggaatc ttcagtcgcc ggaggtagga 360

ttccggtcta cgaatcagcc ggtatgttat ccgaaatgtt taatttcccc ggaagcagcg 420

gtggga 426

<210> 11106
<211> 435
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-011-Q1-E1-H9

<400> 11106

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cgacaatccg accctagctc tctcacatcg ttaagcagta ttgttcagca gcttgaagct 120

aagttagggt tagacctcac ggagaagacg actttcatca gagatcagat caatatcctc 180

ctccgtgctc accaaaacnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240

nnnnnnnnnn nnnnnnnnnn nnnnnaccag cagcagaatt tgcattccgg cgtcaatgtt 300

cctccgatgg cgaaagggca tttcacactt agccatcctt cgcaattctc tgtttcttct 360

caatcacaac aatatccttc acatttcgct cttcagcctc cttatcactc ctaagaccta 420

aattttcggg aagcc 435

<210> 11107
<211> 450
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-012-Q1-E1-A1

<400> 11107

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gaggtataaa gaaatcataa aatcaggaag tgtagaacca agacctggtg taataagact 120

aatggatgaa gcaaaagctg ctgggaaaaa actagctgtt tgttctgcag ctacaaagag 180

ttcagtaatc ttatgtctcg agaatctaat cgatatcgta agttgtttcc tttcgccaat 240

ctctgatcta ccatgcttct ttcaagtttt ttctttatcg attatacttt atgtcgttta 300

ggagcggttc caaggacttg attgcttcct tgcaggtgat ttcatcacat tctctctctt 360

cnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 420

nnnnnnnnnn nnnnnnnnnn nnnnnaagga 450

<210> 11108
<211> 483
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-012-Q1-E1-A10

<400> 11108

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gcgtggggtg tgatgacgat ttctctctac ttggagacga tcagtcaaac cctaatcaac 120

atcaccacca ccaccaagtt cttcatcaca cgccctacgc tcctagacga ttcaacccga 180

aaccatcgaa tcagatcctt ttaccgcatc accagaggaa cggcgacgag gacgacgaga 240

acgatgtcgt tgtagaagcg tcttctgctt tccacggtca cggtgttaat cctttcacgg 300

cggacgaaaa ttcgaatccg tatgatgata ataacgcagc tgtagacgaa gacgaagacg 360

aagatctcgg tgccaacaga tctagaatcg gaggtgttcg tgttgagaag aggcagagtc 420

aggaggagct aagtgacgga ggaacaacaa atggcggtga gattactccc tacggnagct 480

tca 483

<210> 11109
<211> 455
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-012-Q1-E1-A2

<400> 11109

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ctgttgctta caagaacgtc attggtgcta ggagagcttc ctggaggatc atatcttcca 120

ttgaacagaa ggaagaaagc agaggaaacg atgatcatgt ttccattatc aaggactaca 180

gaggaaagat cgaaactgaa ctcagcaaaa tctgtgatgg aatactcaat cttctggatt 240

ctcaccttgt tcccactgca tctttggccg agtccaaagt cttttacctc aaaatgaaag 300

gagattacca caggtacctt gctgagttta agactggagc tgagaggaaa gaagctgctg 360

agagcactct ggttgcttac aagtcagctc angatattgc acttgctgaa ttaactccta 420

atcatccgat tagactgggg acttgctcct aactt 455

<210> 11110
<211> 447
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-012-Q1-E1-A3

<400> 11110

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tttttttgc acaagcaaca tttagcttct gcaaactcca gttcatctct caaccctcat 120

atcgccgtgt tttctcgctc tagtaccgcg agctcggacg aaccaggaag caatccgtta 180

atctagaagc ggtgttgaga agatgacgat tacatcaaat atctctgtac agaacgataa 240

cctcgttgtt caagggaaga ctatccttac caaaatccct gacaacatta tcctaactcc 300

ggttaccggt aatggattcg tttccggttc atttataggc gcgacgtttg aacaaagcaa 360

gagtcttcat gtgttcccca tcggtgtatt ggagggtctt cggttcatgt gctgtttccg 420

gtttaagcta tggtggatga ctcanag 447

<210> 11111
<211> 289
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-012-Q1-E1-A4

<400> 11111

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ttgtgctgct tttgatcatt ctcattgttg tcatccccat cattaccagt ttcagctctt 120

cttgagatac tggctatgtt cactcctttt gttttgtttc gctcttcttt gtaccaatgg 180

atgtcttaat ccttttgtgt tcttcaagga tgtcttaatc ctttcgtgtc ttgtatccaa 240

tttcaatgaa atggtgaatg tttacaaaga aaaaaaaaaa aaaagggcg 289

<210> 11112
<211> 443
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-012-Q1-E1-A5

<400> 11112

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ttccgtcgtc aatggcgtga gcctaaacaa gaaagaaaaa ccatnnnnnn nnnnnnnnnn 120

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnttatc 180

cttatccgat aaacccacaa ataaagacag actcttttgt tctttaaaca gagattgtaa 240

atccagagcc gccggaaaat acaaccgccg gtttactctc aggattagtt gatattattc 300

gattttaaaa atcagtagga agaagatgaa gtacgtgctt gtaacaggag gtgttgtgag 360

tggattaggg aaaggagtaa cagcaagtag tattggtgtt ctccttaaag cttgtggtcc 420

tcgagttact tctatcaaaa tcn 443

<210> 11113
<211> 450
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-012-Q1-E1-A6

<400> 11113

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atcttctcct caacttggat atgggtgaag ccgtagaggt catgttcgga aatgggttcc 120

cggagattca caaagccaca tcacccactc aaaccctcca ctctaaccag caagactgcc 180

attggtatga agaaaccatc gatgatgatc tcaagtggtc ttttgccctc aacagtgttc 240

tccatcaagg aactagtgag taccaagata ttgctctgtt ggacaccaaa cgttttggaa 300

aggtgcttgt gattgatggg aaaatgcaaa gtgctgagag agatgagttt atctaccatg 360

aatgtttgat ccatcccgct ctccttttcc atcccaaccc caagactgtg tttataatgg 420

gaggaggtga aggctctgct gcaaagagaa 450

<210> 11114
<211> 446
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-012-Q1-E1-A7

<400> 11114

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tattcactca ctcaaatcgc cgccggagct aaatcaatca acaatgacgt cgacctacac 120

gagattcgat accgtatttc tcttttctag gttcgccggc gctaagtatt cgccgttatt 180

gccgtctccg tcgtttactt tatctacttc cggcattcat atcagaacca aaccgaattc 240

tcgttttcac tcgattatag catcctcctc atcttcatct gtagtcgccg gaactgatag 300

cattgagatt aaatcgttgc cgacgaagcc tattgaagga caaaagactg gaactagcgg 360

actccggaag aaggtgaaag tttcatggga agataattat ttagccaact gggattcagg 420

cattgtttaa ttcattgcca cttgan 446

<210> 11115
<211> 429
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-011-Q1-E1-G6

<400> 11115

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ccgaacaaac tttatccggc gatcttaccg tttacccgct tttagcccgg tgggtcctcc 180

caccgtgact gcttccaccg ccgtcgtccc ggagattctc tcctttggac aacaagcacc 240

ggaaccacct cttcaccacc caaaacccac cgagcaatct cacgatggtc tcgatctctc 300

cgatcaagcc cgtcttttct cctctatccc aacctctgat ctcctccgtt ccaccgccgt 360

gttgcatgcg gcggcgatag gtcctatggt cgacctaagg acgtgggtca tgagctctaa 420

acttatgga 429

<210> 11116
<211> 424
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-011-Q1-E1-D7

<400> 11116

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atattgacac tcagtttcaa aattctaagg aggagctcga cgaacagcaa tttctcggtg 120

aggcaacatg tacattgtcc gaggtggtta ccaaatcaaa taggacgatt gctttagaac 180

ttatgcgtaa agaaggtgtt gctgcacaga ctcagccaca acataatgga aagcttattg 240

ttcatgctga ggagtcttta gcttctaaga ccaatacaga gattgtattt agggggttga 300

atttggaatc aaaggatact ttctctaaaa gtgacccgtt tttggtgata tctaagattg 360

tagagcacgg gactccaatc ccggtctcta aaacagaagt tttaaagaat gatccaatcc 420

actt 424

<210> 11117
<211> 431
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-011-Q1-E1-D9

<400> 11117

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tggtaagaat cagtgttctt aacgatgctc tcaagagcat gtacaatgct gagaaacgag 120

gcaagaggca ggtcatgatc aggccttcct ccaaagtgat tatcaagttt ctgattgtca 180

tgcagaagca cggttacatt ggtgagtttg agtatgtcga tgaccacaga tctggcaaga 240

tcgtcgttga attgaacgga aggttgaaca agtgtggtgt tatcaaccca cgttttgatg 300

ttggtgtcaa ngaaattgaa ggttggactg cccgtttgct cccttctaaa cagtttggtt 360

acatcgtgcc tgactacatc ctgccggcan tatggaccat gaaanaaacc taagaaggaa 420

naatgtttgg g 431

<210> 11118
<211> 485
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-011-Q1-E1-E1

<400> 11118

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cactatctac ttcttgctcc tccgtcatgg ctttctcaac atcaaacgcg cttcgttacc 120

atcatcctca aatttctctc aggaactctc ttcgcgctcc caaatcgcct tcttttgtca 180

ggcttcccct cggaaaggtg ttacagagca ggattgtgat acgtgctgct tcgtctgcgg 240

ctggtaatcc acagtctgat gctgacttta atccgtatga ggttcttggt gttaacccta 300

tagagggatt tgacaagatc aagcaaactt atggaaggaa acttaaagat gctcagagga 360

gcggtgatga agccactgct gctctagtaa gttacgttac ctctctcttt ctttgggagt 420

cctgtaaagt gatttttttt ttttttttt tcctgttaac acgtctctgt tttacctttt 480

gataa 485

<210> 11119
<211> 436
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-011-Q1-E1-E10

<400> 11119

ggccaacgag aagagaaaaa gtatcttcct ttgagaagtg caagtccatg gcagctctct 60

gttgttgtcc caccaccatc atcgtctccg ggaaggtttc ttcacggatt aaaaccgcag 120

gcccattacc ccgaatcaac ccttttaaga atcagaaacg attgattaca gagagaagaa 180

acttgatcgt taaatcgatc attgaagaca gagaagcaat cgatgttaaa aatgacaatt 240

tcaaggcaga ggaagaacta tcagaagata aagtagaaga tacagatcgg ctgatgagtc 300

gaggtatcaa cgcagctata gttctcgccg ccggtaccgt tgcggttact aagcttttaa 360

ccattgatca tgactattgg caaggttgga ctctctacga gatacttang tatgcacctg 420

aacataattg gtttgc 436

<210> 11120
<211> 472
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-011-Q1-E1-E2

<400> 11120

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agaacaaaaa agaaagaaag ccctcacatt gctttgtcca aagagagtct tagaatctca 120

aacctatctc ttagggagaa accctgattc tatattctta cttgctttcc tttaagtttc 180

tgtctcgtcc agagggacaa agcccccaa ttccagtcaa tttcctttgt ttttgatgga 240

ttgagtttct ttctgttgga gaaagaaaaa gaaaagagct acacatacac ttgcagagaa 300

gaagcaacaa tgagagaaga gaaatccaag actaataagc tggcatggtc caagaagatg 360

gtaaggaaat ggttcaatat caaaagcaaa acagaaggag tttcaagcag atgatccttc 420

ttctgctgga aattgaagta gagcatagaa gtagcttttc agctgagaaa gc 472

<210> 11121
<211> 425
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-011-Q1-E1-E8

<400> 11121

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acgcgcgctc tcctctctaa tgtcactctt atggctcctc ctcggattcc ttcctctgtt 120

cactacggtg gatctcggtt aggttgttcg acccggttct tctcaattcg atgtggagct 180

aaccggtcag gttctactta ctcgccgctt aactctggct ctaactttag tgatcggcct 240

ccgacggaga tggctccttt gtttccggga tgcgattatg agcactggct tattgttatg 300

gataaacctg gcggggaagg cgcgactaag cagcagatga ttgattgtta cattcaaacc 360

ctagcgaaag tcgttggaag tgaggaagag gcgaagaagc gaatctacaa tgtttcatgt 420

gagaa 425

<210> 11122
<211> 476
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-011-Q1-E1-F2

<400> 11122

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agctgaaacc ggtggtgaaa gcgctagtgg tggagctgca tccggtggag aaagtgctag 120

tggtggagct gcttccagtg gctcggttga aagtggtggt gaaagcactg gagctacttc 180

cggtggctca gctgaaacca gtgatgaaag cgctagtggt gganctgcat ccggtggtga 240

gagtgctagt ggtggagctg cttccggtgg ctcggctgaa accggcggtg aaagcactan 300

cagtggagtt gcttctggtg gctcaactgg tactgaaagt gctagtgctg gagctgcttc 360

cggtggctcg actgacgcca atgggtggag ccgctgccgg aggctcaact gaaaccggta 420

gtgganctag caccgaaacg agttcaatgg gtggtggaag cctgctgccg gtggcg 476

<210> 11123
<211> 428
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-011-Q1-E1-F7

<400> 11123

gcaaacacaa aaatactgct gaggaaaagc aatccacacg attcgattca aagttttcaa 60

tttttcccca aaagtttggg ttttggattc cntnncgnan nggaaaagaa ncnactccnt 120

tcaatttaag ggtttgggnt tccgnttggg ccccaacaaa ngangtntna agnnantcct 180

cctccgnttg ngtctgtttc agatggaaga caatgataag tctcccccta aggattacta 240

taagattcta gaagttgatt acgacgcaac tgaggaattg atcagactca attatcggaa 300

gcttgcattg aagtggcatc ctgataagca caaaggcgat agtgcagcta cagaaaaatt 360

tcaagagatt aatgaagctt ataatgtgct gatggaccct gctaaacgtt ttgagtatga 420

tttcactg 428

<210> 11124
<211> 436
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-011-Q1-E1-F8

<400> 11124

gaggaaattt actccataaa gttgcctggg gacccgaaac ttggcgaagg caaacctgag 60

aatcaaaacc acgccattgt gtttactcgc ggaaatgcta tccaaactat tgatatgaat 120

caggataatt attttgaaga agccttaaag atgagaaatc ttttggagga atttgaccgg 180

gaccatggaa ttcgaccacc tactattctg gagttaggga acatgtcttt actggaagtg 240

tctcctcctt ggcatctttc atgtccaatc aaagaaacca gctttgtaac tcctaggtca 300

acgaantatt ggcaaaaccc cttaaggntc cgcatgcatt anggccacca agaatgtctt 360

ngacaganta ttccanaatt acacgttggt gggaacaacn agggctcccc ggtcaaccat 420

aattattgaa gatata 436

<210> 11125
<211> 480
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-011-Q1-E1-G1

<400> 11125

ngttacgcct gccgtagcgg tccgaaaatt cacgggtcga cccacgcgtc cgaaagatcc 60

tcactctcct tctctgatct cgccatggaa cctgacgtca gtatcgagac tttgtcgatc 120

attcggatcg ccgtccttcc gatcggcact attccgccga cgcttctccg ggactaccac 180

tcgatgctgc tccgtcatca cacgatcgcg ctctcagcta ttagctcttt ctacactgaa 240

catcagaaat ctccattcac gaatcagccg tgggattccg gctctctccg gttcaaattt 300

gtgcttggtg gttctcctcc gagtccttgg gaggattttc agtctaatcg gaagatgctc 360

gccgtgatcg gcctttgcca ctgtccctcg tcccctgatc ttgattctgt cactgaaaaa 420

ttcaatgtcg cttgtaagag ttattcctcg gctcttgtcc ggcgctgctt cgctttctcc 480

<210> 11126
<211> 435
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-011-Q1-E1-G10

<400> 11126

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ttactatgct tcttcagctc tacttttgca ctcaggattc ttaaggacct ccctatgatg 120

gagccaagaa agctagatct gaaccatgaa atgatgcctg ggatggttat gctacagcca 180

gatcatgagg tccaacctga gcacacggtc aagcctggcc atacactcca gtccatgtcc 240

ggtgcattag aacatcctga gcacaaggaa aagcctgacc ataaactcca gtctatgttg 300

ggagaacatc ctgagcacaa ggaaaagcct gaccataaac tccagtctat gttgggagaa 360

catcctgagc acaaggaaaa gcctgaccat aaactccagt ctatgttggg aaaacatcct 420

gagcacaagg gaaan 435

<210> 11127
<211> 434
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-011-Q1-E1-G11

<400> 11127

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gtttgcctcc aggattcagg tttcatccca ctgatgaaga actggtggct tactatcttg 120

ataggaaggt caacggccaa gccattgagc tcgagatcat cccagaagtt gatctttata 180

aatgcgagcc atgggacttg cctgaaaagt catttttgcc gggaaacgac atggaatggt 240

acttttacag cacaagggat aagaagtatc caaatggctc taggacgaac cgtgcgaccc 300

gagcgggtta ctggaaagcc acggggaaag atcgtacagt agaatcaaag aagatgaaga 360

tgggaatgaa gaagacactg gtttaatata gaggaaaggn tcctcaaggg cctccgtaca 420

aattggtcaa gcan 434

<210> 11128
<211> 435
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-011-Q1-E1-G12

<400> 11128

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ttgttatggt tcgacctcgg aagctcttat tcatggctat tgatggtgtt gctccaagag 120

ctaaaatgaa tcaacagaga gctagaaggt ttagagctgc taaagatgca gctgaagcag 180

cagctgaaga agagcagctg cgggaagagt ttgagagaga agggaagaag ttgcctccta 240

aagtggattc tcaagttttt gactctaatg ttattactcc tggaacagag ttcatggcta 300

ctctgtcctt tgcgttgcga tactacattc acgttagact aaattctgat cctgggtgga 360

aaaatattaa ggttatactc tcggatgcta atgttcctgg cgaaggggaa cacaagatca 420

tgtcatacat acgtt 435

<210> 11129
<211> 487
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-011-Q1-E1-G2

<400> 11129

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cgcgtgggcg gacgcgtggg ggagtttccg ataaccgcta tccgggagat caaaattctg 120

aagaagctgc atcatgaaaa tgtcatccat ttgaaagaga ttgttacttc tccaggtaat 180

aaggaactct tatcttagct tgtaattgct ttagaaattt tgtcaaaagg ggtgttaagt 240

ttgatatgta gagttttgtg actgtttttg tctttaaaag gtcgagatag ggatgatcaa 300

ggaaagccag ataataacaa atacaagggt ggaatctaca tggtctttga gtacatggat 360

catgacttga ctggacttgc tgatcgtcct ggactgagat ttacggttcc tcagataaag 420

tgttacatga agcaactgct gactgggctt cactaatgtc atgtgaatca agtgcctcan 480

cgtgata 487

<210> 11130
<211> 429
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-011-Q1-E1-D5

<400> 11130

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ctcctaagct ctctgttttt ttttttgttt gttcattggc tatatttcag gtcttcttct 120

tcttcttcaa gaatgagcta atactcacag aanaagaaga tttttctttg gatttttcac 180

tactgaggca ttgttgtgaa attggatggt agtagcattg gaatggcaga acaaaagagt 240

agtaacggag gaggaggagg aggagatgtt gttatcaatg ttccagttga ggaagcatca 300

aggcgttcca aggaaatggc ttcaccaaga gtctgagaaa ggagttccct ttagtaaaag 360

cccttctcct gaaatctcta agcttgttgg tagtcctaac aaagcctcct aagagctcca 420

aatcagaac 429

<210> 11131
<211> 477
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-011-Q1-E1-B2

<400> 11131

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nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 120

nnnnnnnnnn nnnntttgaa ttttcaatat tgatttctcc catggcgagt agcagttgca 180

gcagatctat ctctgtttca aattctgatt ctctcggtgt tttttgtttg agctagggct 240

aaattagttt ccttcttggg tttttattcg taatccgatt caaagtttgt atctttggga 300

gggatgggta agaggcaaat atcacaagat gaagtaggtc cgcccataaa accaagagct 360

ggtttacgaa gggaacaagc tggaagaggt tcttacagag gtagttaagt tactttgtat 420

ctcatcgaaa acgaatcaaa agaagcttct ttttttttt aatanaggtt gggggaa 477

<210> 11132
<211> 483
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-011-Q1-E1-B3

<400> 11132

aactgttagc ctgccgtagc gtccgaaatt ccngggtcna cccacgcgtc cggccacatt 60

caccggtact catctgacca agctagggtt tcgcagtcat catcatgtac cgtacggcag 120

cttctcgagc caaggccctt aagggcattc taaaccacaa ttttcgagct tctcgttatg 180

caagttctag tgctgttgca acgagctctt cttcctccag ctggctaagt ggaggctact 240

ctagttcact tccttctatg aacattccct tggctggtgt ctctcttcca ccaccactct 300

ctgaccatgt tgagcctagc aaacttaaga ccactactct tccaaatggt ctgactatag 360

ccactgagat gtctccgaat ccagcagctt ccattggttt atacgtttga ctgtggttct 420

atttatgaag accctcaatt ccgtgggagc gacgcacttg cttgaaaagg atggcattca 480

aag 483

<210> 11133
<211> 476
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-011-Q1-E1-B4

<400> 11133

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ggtcctccga agcagaagac tcaggccgaa tnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 120

nnnnnnnnnn nnnnnnnnnn nnnnnnnaga tctcgtggcc gtccaccgaa gccgaaagat 180

ccatcggagc ctccccagga gaaggtcatt accggatctg gaaggccacg aggacgacca 240

ccgaagagac cgagaacaga ttcggagacg gttgctgcgc cggaaccggc agctcaggcg 300

acaggtgagc gtaggggacg tgggagacct ccgaaggtga agccgacggt ggttgctccg 360

gttgggtgct gaattaatcg gtacttatgc aatttcggaa tctttagtta ctgaaaaatg 420

gaatctctta gagagtaaga gagtgcttta atttaactta attagattta tttgga 476

<210> 11134
<211> 424
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-011-Q1-E1-B5

<400> 11134

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ctgtgcttcc ttttggatca tctaaacgtc aagacaacga agaagcttct ctactggcta 120

ctgctgattc ggttactgca gtcgtggcag ccaaagagga agttaagcag gccgtcgcag 180

atgatctcaa atcaaaccgt tcaccgcctt gtgagtggtt tgtatgtgat gatgataaaa 240

gcggcaccag gttcttcttt attcagggat cagattcact ggcctcatgg caagctaacc 300

ttctgttcga gcctgttcca tttgaggacc ttgatgtgct tgttcacaga ggcatatacg 360

aagctgcaaa aggaatatac gaacagatgt taccagaagt tcatgcccac ctcaattccc 420

gtgg 424

<210> 11135
<211> 422
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-011-Q1-E1-B7

<400> 11135

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nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 120

nnnnnnnnnn nngattgttg attacgtcgg tggatctttg ttctcctctg tgttgttttc 180

attgctagat ttcgtcaatg attggcttct cacgattcga tttttccggc tcctgttctt 240

aatttcctct gagagaatga tggatgaggg atcagtaggg gatgtgagta ggattgatga 300

agctgatgtt gctcaccttc aattcaagaa tagtgagcag tcgtttaaac cggagaacat 360

tgaagtccgg gaagtaaaag aagtgcangt tcagagagaa gctggttctc ctgattgttc 420

tt 422

<210> 11136
<211> 427
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-011-Q1-E1-B8

<400> 11136

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tcccaatgtt gcttacaagg tatcaaggaa gaagtctgat gaagttttca agcagttaca 120

cacaattcta ttcggtggga agagagtaaa agctactcag ctcaaggcac acatattacg 180

cttttctggt tacaaatggc aaggagatga ggaaaaggca aaattgaaag tcaaagaaaa 240

gtttgagaaa atcaacaaag aaaaattgct ggagttttgc gatttatttg acatatcagt 300

tgctaaggct accacaaaga aggaagatat tgtgacaaag ctgggttgag tttttggaga 360

aacctcatgc aacaactgat gttccaatca atgagaaaga gaagggattg aancgcaaaa 420

gaactcc 427

<210> 11137
<211> 437
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-011-Q1-E1-B9

<400> 11137

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aataagaaaa ctcttgtggt tctattgaat tgggtttcca ctatctttat tgtanagatg 120

gagtcttcaa gtccccacca tagncacatt gttgaggtta atgttggnaa atctgatgaa 180

gagagaataa ttgtggcgag taaagtctgt ggagaagcac catgtgggtt ttcagattct 240

aagaatgctt ccggggatgc tcacnaacgc tctgcttcta tgcggaagct ttgtatcgcc 300

gtcgtgctgt gtctagtgtt catgagtgtt gaagttgttg gtgggattaa agccaatagt 360

ttagctatat taaccgatgc agctcatttg ctctctgacg ttgctgcctt tgctatctcc 420

ctcttctcaa atgtggg 437

<210> 11138
<211> 435
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-011-Q1-E1-C10

<400> 11138

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ttcatagcgt cgtttctaac ggtgatgtct ccaacggaaa cacctccgct tcctctaaga 120

aatctcgtga gattgaccgt cgccgccgca gacggaagca gaagaagaac aacaaagcat 180

cccaagccga tgtagatgca tcggacgttt ctgctgcttc tgaatccaaa gagaatacag 240

atccccagcc acaggtttgt gagcagattg tgatagagta tgttccaaga gcaagctgaa 300

tttgaagatg gttttaacga tgagtttaag gaaatcttcg agaagttcaa cttccgcgaa 360

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aagaanggta actct 435

<210> 11139
<211> 422
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-011-Q1-E1-C11

<400> 11139

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nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnggtg 180

ataatggatg caggtatgaa caacacttct tctcactaca agacgcaggc tcgttgccct 240

cttcaagaac actttcttcc caggaaacct tctaaggaaa acctggacag gttcataccg 300

aacagatcag cgatgaattt tgactatgct cactttgccc tcactgaagg aagaaaaggt 360

aaggatcana ctgcancggt aagttcacca tccaaaagag gctacangaa gcaattggct 420

ga 422

<210> 11140
<211> 422
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-011-Q1-E1-C7

<400> 11140

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acttgttgca gccatcctct ttaccgtgaa tccgagctta ttgaagagaa tgtgcttggt 120

gtaagaaatg ccgcacaaag gaagcttttc gatgagctcg gtattgtagc agaagatgta 180

ccagtcgatg agttcactcc cttgggacgc atgctttaca aggcaccttc tgatgggaaa 240

tggggagagc acgaagttga ctatctactc ttcatcgtgc gggatgtgaa gcttcaacca 300

aacccagatg aagtggctga gatcaagtac gtgagcaggg aagagcttaa ggagctggtg 360

aagaaagcag atgctggcga tgaagctgtg aaactatctc catggttcag attggtggtg 420

ga 422

<210> 11141
<211> 488
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-011-Q1-E1-C9

<400> 11141

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gaacatccgg gacagtgtga agcatgtgaa aacgtcagag tcccatgagg agaggtttac 120

tgagctcaag gaacagcttc aagttccaag cgagaaggtg ctttctcttg atgatcagac 180

gcaatggaac acaacatata tgatgcttgt ggctgcttca gaattaaagg aagtgttctc 240

gtgcttagac actgctgatc ctgactacaa gaaacctcct tcagcagagg attggaggca 300

tgtggaggca ctttgcacat tcctgaagcc tcttttcgaa gcagtctcca ctcttcaatc 360

tactggaaac ccatctgctg ttaccttctt ccatgaagtg tggaagacac agtcagattt 420

gtctcgggcg atagctggag aggattcttt tgtcacaggt attgctaaaa ccatgcaaga 480

naaagttt 488

<210> 11142
<211> 432
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-011-Q1-E1-D12

<400> 11142

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nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnaacca 120

ntgtttccct tancggaatt cgccancgat gcctcangat ggncanttcn tgcgtctcca 180

acgctcanaa atccgtcctg aatggtgcca ncgattccgt ctctgtcgtc gggcgggganc 240

agattcgtct tggtcttcct agcaaaggac gcatggccgc cgattcgctg gatcttctca 300

aggattgcca attgtttgtc aaacaagtca atccacgaca atatgttgct caaattcctc 360

aattaccaaa tactgaagtt tgggttcaac gaacaaaagg acaatgtcaa gaaaagttgc 420

aacaanggaa tt 432

<210> 11143
<211> 464
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-011-Q1-E1-D3

<400> 11143

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nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 120

ngtgtccatt ttattaggca tgttggtgat ctttgtttca ccaatggtgt tcgcagatga 180

tttgacacca atcccagagg gcaaacccca agtggtgcag tggttcaata cccacgttgg 240

tccattggct caacgtaaag gcttagatcc tgctctcgta gctgctgagg ctgctccacg 300

tatcatcaac gtgaatccaa agggaggtga attcaaaaca ctaacagacg caataaagag 360

cgttcccgca gggaacacaa agcgggtgat cataaagatg gctcatggtg aagtacagag 420

agaaggtcac tatcgacagg aacaaancct tcattacatt gatg 464

<210> 11144
<211> 462
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-011-Q1-E1-D4

<400> 11144

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caacatggat gatcatgaaa ccccctcttt gtccaaggac nnnnnnnnnn nnnnnnnnnn 120

nnnnnnnnnn nnnnnnnntg tggtggtttc atctttgaaa tggatattga aagttgtaat 180

gtctgtgatt tttgtgactt gggttgtgtt ccttatgatg tatcctggat cactcggtga 240

tcaaatcctc acaaactgga gagcaatctc ctccaacact ctctttggcc tcacangaag 300

catgttctta attttcagtg gtcccgattc ttgtcatcgc catcttggct tctctctatc 360

tgataatctc angggaagag acggttttca ctaaagaaga agataacgaa attcccgagg 420

tttaggctat ggacattcct gttcctgtgg atggaacatt tg 462

<210> 11145
<211> 435
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-011-Q1-E1-B10

<400> 11145

gagtggatcc gccgtagctg gaggatccgt cgttacaaaa tcatgtcatc ttctcccaag 60

ctgtttcacg cgcgtccatc attcttcacg cgccgatcga cgcctttgat cgtcttcacc 120

tctctcgcta tcggtctaac cggtttcctt ttcggattat caacgatcct tttccctggt 180

ctccggttat ctggccggtc ctgcctcacc aacttgccac cgaagactgt taaaatcgtc 240

tgggacgtcg ctggtaatag tatcgttaat ggcgaagtca agaggcacaa agtgatggga 300

ttcgtcggaa tccagaccgg attcagatct gctggccgga gacgagctct caggaacaca 360

tggatgccgt ccgattccga aggccttcga agattggaag aatcaacang attaaccaat 420

aagatttatt atagg 435

<210> 11146
<211> 430
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-009-Q1-E1-B5

<400> 11146

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gaatttttct agggttaggg ctcctgatcg atttcgcgag ctctgcgatt attttaagta 120

ttaggatccg aaattagaaa tgggtggaga gggagattca agtcagccgc agagtggtga 180

aggagaagct gtggctgtga acatcaggtg ctctaatggc acnaaattta gtgtgaanac 240

gagtctcgat tcancggtgg agtctttcaa agagttggtg gctcagagca gcgatgttca 300

agctaatnaa gcagcngctt gatttacaag gggtcgtaat cntcanggga cgatcaaaan 360

tctcctnnng ctatggtttg caggctgatt cacacaattc atangggtta gaagcctctg 420

caccttcntc 430

<210> 11147
<211> 423
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-009-Q1-E1-C12

<400> 11147

cctcgcactt tcaggctgaa caaagtactg acagatgcta ataaatacac ggaggaagaa 60

tatgctcctt taattattat ctgagatttt tcaattcaag ttcgtgtgga ttcagaatca 120

aaatggaaga agatttgttg ggcatttgtg ggtttgattc gtcgaagaaa tatcgattag 180

aagaacttgc caagtatcag tcgggttcat gtattgagtt tgaagatgat gatgaaatgg 240

cagtggatta tccatgcccg ttttgctcag atgattatga tttagttgaa ttgtgtcacc 300

atatcgatga ggagcatcaa ctagacgcca acantgggat atgtccggtt tgtagcagac 360

gagtgaagat gcatatggtt gatcacatta ccactcanca tanaaatgtc ctcaagagac 420

ctt 423

<210> 11148
<211> 432
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-009-Q1-E1-C7

<400> 11148

tgcataagca cacagtggta ttaatgcaaa ggctgacaaa gaagaatctg caaagaaaca 60

nagtggctct gctataccag aggttcttgg actangacag tcaggtggtt gtagctgttc 120

taaacaagac gaagattcct cgattgttat accaacaaaa tatagcatag aagatatcct 180

ctctgaagaa tctgcagtcc agggaacaga gacttctagt ctcaccgcgt ctttgactca 240

actcgttgag aatcacaggg aaaganaagg aatctctact cgggacacag agttctcact 300

tctccttcta tagcttcttc cacaaagcga atcatctgct acatcaagag actgtanaaa 360

accctaaggg ctaaacctga atganttcgc ggcttaaccg ctcgtgaact tgtgacacgt 420

aaagattcgg tc 432

<210> 11149
<211> 428
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-009-Q1-E1-C8

<400> 11149

gggagctcct cttgaggata ttgttagagg tgttgaggaa gtcgatgcag tcccaggaag 60

gtgtgagttg attgatgagg aacaagcttt tggtgttatt gtggatcatg caaacacacc 120

tgatggcttg tcaaggctgc tagattcaat tcgagagctt aaaccgagaa gaatcattac 180

cgttattggt tgtgagggtg agaatgaaag agggaaaaga ccgcttatga cgaaaattgc 240

tactgaaaag agcgatgtga cgatgttgac atctgataat ccgaggaatg aagatccatt 300

ggacatcttg gatgacatgt tgtctgggat tggatggacg atgcaagagt atttgaaaca 360

tggcgaacac aattactatc cgcctttggc aaatggtcat agactcttcc ttcacgatat 420

tagacgtg 428

<210> 11150
<211> 430
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-009-Q1-E1-D10

<400> 11150

ctcctcctcc actatagctg cctgtattcg tcttctctat caccctcgtt atctggatct 60

gaaatattag gtgatacgaa gccatgacag tttcagaagc ttatagtcca cctctgttca 120

gtatagcccc gatgatggga tggacagaca atcattacag aactctagcg cgtcttataa 180

caaaacacgc atggctctac actgaaatgt tagctgctga aaccattgtc tatcaagaag 240

ataacctgga cagctttttg gcattctctc cagaccaaca tcccatcgtt cttcaaattg 300

gtgggaagaa acttggaaaa tttggctaaa gcaaccaaga cttgctaatg cttacgccta 360

tgatgaaatt aattttaact gtgggatgtc ctaacccaaa agttaagggg angaaggttg 420

tttttgggtg 430

<210> 11151
<211> 472
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-009-Q1-E1-D12

<400> 11151

ggngaangtt ttacggcccc aggtaccgga anagaattcg cgggtcgacc cacgcgtccg 60

ctcgaanaaa aacaacatac gcagagaaac tcaaaactcg aagaacgttt catatagcaa 120

cgatgctttc ttcatctcca acttccttta ctcatccatt tctctcttca tcnccgcctc 180

tatctccgat atctccgccg tctcgcacgg ntcggatntc tccacctctc gtctccgcct 240

cttgctcata cacctacacg gaagattcgc cgagactgca tcagatnccg cggcgattga 300

cgacggtgcc agcttcgctt tacgatgttc ttgaggttcc tttangcgcg acgagtcagg 360

atatcanatc ggcttaccgg gagattatcc aaggatntgc catccagacg tggcgggaac 420

tgatcggact tcntcctcat cggcgganga attcatgaaa gattcatgcn gg 472

<210> 11152
<211> 489
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-009-Q1-E1-D3

<400> 11152

cttttattca gcccgccaca gtgtccanna atcccgggtc gacccacgcn tccagnatcn 60

ctccttgaag atattgttag aggtgttgag gaagtcgatg cagtcccagg aaggtgtgag 120

ttgattgatg aggaacaagc ttttggtgtt attgtggatc atgcanacac acctgatggc 180

ttgtcaaggc tgctagattc aattcgagag cttaaaccga gaagaatcag taccgttant 240

ggttgtgagg gtgagaatgg aagaaggaaa agacgnctta tgaacgaaaa attgctacgg 300

aaaaagaagc gatgttgacg atgtttacat cctgataatc ccgaaggaga tgaagatncc 360

atttggacat ccttgggatg acaangttgt tccggggant gggattggac naatccaang 420

agttantntn aaacattggc gaaanacgat ttactaancg ccttttggca aatggtcnta 480

gactccttc 489

<210> 11153
<211> 460
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-009-Q1-E1-D5

<400> 11153

nttagccgcc ggtaccggac aaaatcncgg gtcgacccac gcgtccgaaa aagagcacaa 60

ggaacagtta aaagtcggga tttttgggta tttgagaagc aatcggaaca acaacggcgt 120

ttgtaacgcg gatttatgtc ggctgtgtct gaannnnnnn nnnnnnnnnn nnnnnnnnnn 180

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240

nnnnnnnnnn nnnnnnnnnn nnnnnnnngc ttctgctccg aacagaggct tattcttgan 300

gttccttcna tttccatggg gcttaagact aacaggaaat cctactaggc aagtttaagt 360

atccctgtgg ganttanggc cgaagccatc anggcaaatt tgctgctgan natttgaacc 420

cattcactaa aactaagaaa tggttgggta cntaagaaaa 460

<210> 11154
<211> 450
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-009-Q1-E1-D7

<400> 11154

gcaaactctt tgagacctaa agagagagag agcgatagtg agatttagat caacagattt 60

gaatcgattt ctgaaaacat gcagtacaag aatctgggga aatcgggttt aaaagtgagc 120

acgctctcgt tcggagcgtg ggttacgttc gggaaccagc tcgatgtgaa agaagcgaaa 180

tcgattcttc agtgttgtcg tgatcatgga gtcaatttct tcgataacgc tgaggtttac 240

gctaatggtc gcgctganga gattatgggg tcaagcgatt cgtgaactgg gttggcgtcg 300

attccgatat cgtcatctct accaaagatt ctcctggggg tgggcctggt ccctnaacga 360

atnaangggt ttatcctagg gaaaacatan tcgttgnaag ggcactaana ccttctctca 420

aaacggacnt tgatatggga attaangttg 450

<210> 11155
<211> 424
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-009-Q1-E1-E11

<400> 11155

gggcagttac ttatgcgtac agctggaaaa acgcctccgg tttttctcag accataaaga 60

attggtttgg gggacacagc cataattcac cttctctttt catagtggca attcttatct 120

acttatcccc gaacatgctt tctgcgttgc tgtttttgtt tccattcatt cggcgctatc 180

ttgaaaggtc tgactataag ataatgatgc tgatgatgtg gtggtctcag cctcgtctgt 240

atataggaag gggtatgcat gagagcgctt tgtcactttt cangtacaca atgttttgga 300

tngttctgct gatttcaaag ctggcattca gttantacgc tgagattaaa gcccttgttg 360

gtccaaccna agatataatg cgaatcatat atccgtctac agctggcatg anttttcccc 420

tcac 424

<210> 11156
<211> 425
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-009-Q1-E1-E12

<400> 11156

cgtccgctca ctttgtttta gctttctcct ctacttcgat aatgccgttt gctccttcct 60

tgttgtcatc gtcttcctca gtctctcaat ttcttcccag attccccaac gcgactagat 120

tcaatgtaac tccacggagc agagccgcca ccgtcgtcgc ggcatccgtc accgacctag 180

ccggggtcga cagtacaaca atcgccgtac tcggtggagg atccgtagca gcactcgcgg 240

cgatggtttc cttaacggat ccggagagga ggcggaaatt gcaggcggag gaagttggcg 300

gaggcgataa ggaggttgtg agggagtatt tcaatagcac ggggttcgag angtggagga 360

agatctacgg tgagactgat gaagtgaatc nagtacanaa aggatattcg actcggtcaa 420

tggcn 425

<210> 11157
<211> 428
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-009-Q1-E1-E2

<400> 11157

cgttaccttt ttgtttctca gactgttacc ttacctgtaa agaagagagt taaagatcta 60

ttgcaaaaaa actcaacctt taatctctct gcttcttcta attaagtaat ttcaactacc 120

cttttggcga aacctctcga tctattggtt tggtactgaa gaaaccgact tgagtctgat 180

ttgtttttgg tgaaagccan ggaagctata anaaagcacg ctgcgaagct canagagcaa 240

gtcgcgaggc ancagcaanc ggttttgaag catttagggc atgttaatgc tgatgctgtt 300

gttgttgatn aacaacagct tcattgtcan canaaacttc aagatcttta tagctccacg 360

aaaagctgct aancgtttnc anangaacat tgttcgtgga acacgaangt ttcaatgcga 420

ctggcaca 428

<210> 11158
<211> 429
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-009-Q1-E1-E6

<400> 11158

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atatttctcc gaacaccgca actgccgcga tctcagccgc gcttgaatct cagcgcagta 120

gaaaaaaccg aggaagttac aattgcggta gatgtggtca acctaagaaa ggccatgtct 180

gtcttttaac tgctccacct gatattccca ctantccgat cgcttctgag ccagtgagct 240

gcatctccgc cgccgcatct tcttcccgtt ctactgtctt atctttaaca gcggcgccgt 300

catcgcgaca gaccttcact cacttacgcc gagctttatc gttcgatgac gtcgatgcgc 360

gtaattcact cgatgaatcc gatctggatg ctgcatcgat ggatntggat ctacaattgg 420

atacgggat 429

<210> 11159
<211> 424
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-009-Q1-E1-B10

<400> 11159

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ctgaggtaga agctcaacac attgtcaatg ctgcaaggac cgcaaaaatg gcaagactga 120

agcaagctaa ggaagaggca gagaaagaga ttgccgaata caaagctcaa acagagcaag 180

acttccagag gaaacttgag gagacaagcg gagactctgg tgcgaatgtg aagaggctgg 240

agcaagagac tgataccaaa atcgagcagt tgaagaacga agcatcgagg atttccaaag 300

atgttgtcga aatgcttctg aaacatgtga ccacagtgaa gaactgagag atatttttat 360

aagaaagtaa aaaaaaagtt tatgaaaaaa ntgggagtca ttttgagttg atctgctcnc 420

cttc 424

<210> 11160
<211> 197
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-008-Q1-E1-H10

<400> 11160

ggagacattg tgctattgct ctcgcaggga ggtctaggca tatcctccct gccttaaaga 60

gagcttttat cttagtaatg ttgaacttta tgtagtactt atgtaggaga gactttataa 120

ttctaatgct ttattctgga tcttactgct gtcgtattta ggtgatgttt gnnnnnnnnn 180

nnnnnnnnnn nngggcg 197

<210> 11161
<211> 427
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-008-Q1-E1-H11

<400> 11161

gaaannaann anaanactct ctcagatcng agaannnnnn nnnnnnnnnn nnnnnnnnnn 60

nnnnnnnnnn nnnnnnnnnn nnnnnaaaga acaatggcga cacnaggagc ttcctcagca 120

agagatgaat tcgtatacat ggcgaaactc gccgaacaag cagagcgtta cgaaggaaat 180

ggttgaattc atggagaaag tcgcgaaagn tgttgacaan gacgaantca ccgtcgaaga 240

acgtaatctc ctntccgtcg cttacaaaaa cgtcatcgga gctcgtcgtg cttcgtggag 300

aatcatttca tcgatcgaat aaaaggagga gtctcgcggt aacgatgacc acgtntcgtt 360

gatccgtgac tacagaagca taatcgaaac ggaacgttcn gatatctgtg acggaatccn 420

taagctt 427

<210> 11162
<211> 491
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-008-Q1-E1-H2

<400> 11162

gtgttgtttg gccggcccgg tccgnaataa acgggtcgan ccncgcgtcc gagaagacat 60

ttttatttag atttccctct gatcctctct tttagatttc gaatcgagac cagatctgcg 120

tgaagatgat agagaagtgt ataggagcgc atcggtttcg gagattacag agattcatgc 180

gtcaagggaa agtgacgatt ctttgtctcg ttctcaccgt catcgtctta angtggcaca 240

atcggagccg gtaagtttgg tacgccggag aaagatatcg aggagatccg tgagcatttc 300

ttctacacgc gtaaacgcgg cgagcctcac cgtgtcctcg tcgaggtctc ttccaaaacg 360

acgtcgtccg aagacggagg aaatggtggt aacagctacg agaccttcga tatcaacaag 420

ctattcgttg atgaaggaga cgaaagagaa atctcgagac cggantanta aacctaatcc 480

tcctgggccc a 491

<210> 11163
<211> 483
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-008-Q1-E1-H4

<400> 11163

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atggccgcca tggctaggaa cgtagctcaa gctgatgcgt ctgttaaggc tggagagtgg 120

aagaggaaca agtatgtagg tgtttcactt gtgggaaaga cccttgcagt gttgggattc 180

gggaaagttg ggacggaagt tgctcgtcgt gctaagggtc ttggtatgcg tgtcattgct 240

catgatccct atgccccagc agaccgtgca cacgccattg gtgttgactt agtgagcttt 300

gatgaagccc ttgccaccgc ggatttcatt tctcttcata tgcctcttac gccaacaaca 360

tcgaagatac taaacgacga aacctttgcc aaaatgaaga aggagttcga attgttaatg 420

ttcctcgtgg aggtgtcata nacnaanatg ccttagtgaa agctcctgga tgcctggtat 480

tgt 483

<210> 11164
<211> 442
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-008-Q1-E1-H5

<400> 11164

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ccttccatcg ccactttcct ggaaaaaaaa actaaatttc gtctctttct ttaagctaaa 120

ggagctttct gtgatcaatt ttttctatat ttctgtagtt gcgttcttat ttcacgcgct 180

ttgtgatttg attatttaag ccactaatgg cttaggatct gtatattatc acttcatgaa 240

ttctcgtttt ctcggataag ttgttaagtt tctaaattag ggaattttag gaattagggc 300

ttttttgggt ttgtatgtgt gcttgattgg gtaagaagat ggctgcagtt ataagaaagt 360

tattaccttt cccatcaccg aatcctaaaa gggataatcg agaaagtgac gaatgatgat 420

gaaacaagta gtgggctaat cg 442

<210> 11165
<211> 438
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-008-Q1-E1-H6

<400> 11165

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gtaacaatat cagtagttct agctgttgtg tcatggtgga tatggagaac tttacagtgg 120

gtttggttta agccaaaaga tgcttgagca ttacctgaga agacaaggtc ttgccggaac 180

accttacacg cctctagtcg gcgatttgaa gaagaatttc accatgttgt cggaggcaag 240

gtccaaaccc ctcaaactaa cggatgacat ctcacctcgt gtcgtgcctt atcccttgca 300

aatgttcaag acttacggaa ggacttactt tacatggttt ggacctatcc caaccatcac 360

aataatggat cctgagcaaa tcaagggaag tgttcaacaa aggtttatga tttccaaaag 420

ccgcatacat ttcctttg 438

<210> 11166
<211> 438
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-008-Q1-E1-H8

<400> 11166

ggaaaaatta aatatccatc caactgtgtg aattagatat tttctcttat ctcttctctt 60

tgttcgatca aaaattcaat tttcccgaga tttttgtttc tctcgatcga ttcaacacct 120

aaagattgaa gcttttgctc gtgggttatg taaagtttcc acctttcgtc ttctttctga 180

tctgtgagca aaaatgggac aacagcaatc aaaaggggaa ttgctgtatc agcaagttag 240

ttatggtaac tctgaaggaa ttcgagctct tcatcgagat ggtggagacc ttgagtggat 300

ggatagagaa ggaaaaactc cgttgatctt ggcttgtatg aactccgagc tatttgatgt 360

tgctaagact ttgattgagt tgggttctaa tggttaaatg cctaaccgtc ctggtcgtca 420

atgctgggga ctcctctg 438

<210> 11167
<211> 425
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-008-Q1-E1-H9

<400> 11167

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tcaatctccc gaatctgatt ttcttatcac tatccctgga taacaaaagc ccccaaagta 120

aaaacccaat tgcgattccc tcgtaaacca atctagggtt ttcgcgagtt cgtctctgag 180

cttgtttgtt tgtgatcgtg tgagaatgtc tcggtgttat ccgtttccac cacctggtta 240

tgtttggaaa gaaagtctga tcgaatcgat caaggggggca aaggaggaag tgaagaaaga 300

tagaaaacac aagaggaatg aaaaagatag aaaggatagg gataatgagg cggggaggag 360

caggaagcat cggcataaga gacggcggaa agatgaaggc gccattgcta gtggcaaatt 420

agtaa 425

<210> 11168
<211> 427
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-009-Q1-E1-A11

<400> 11168

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tcgaaggagc cgaagttgtt atagatggaa acgtgattac aagtttgggg ctcgcaactg 120

ttaccaaatt ttccctggct attgttagca agctgttcgg acatgctaga gcaaggagtg 180

tttcagaagg gcttgtgcat gagtatccaa ggcagtaacc gtttgaaagc atcttgttca 240

agaaacacag ttagaagatg tctcattact gatcttaaac cgaagtataa cggtccgatg 300

gtatcaaacc acctcaactc cagagacttt tcacaagtat catctgttca acgttgatgc 360

accttatcct gaaagcngga tgctatctgc aagaaatttg ccaatttagt agtgtagcta 420

aattttg 427

<210> 11169
<211> 432
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-009-Q1-E1-A12

<400> 11169

gctgacattg gtaaaggcat agaaaaaaga aaaaaaaaac tgttcttcat catcatcgtc 60

tctcccaaga aaaaccatga aaatgaagaa gaaaggaaaa gtnnnnnnnn nnnnnnnnnn 120

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnngaaccat ctcaacgaag aagatgatga 180

ttctctctct gtgttgaagc ttcttccagc gacgattttg gttcttgttt ctgttctctc 240

ctctgaagaa agagaggttc ttgcttactt aatcacaaga ggaaccacca tttccgatag 300

aggaaactct tcttcaaaga ataagacgaa gaagaagagc aacaaatcta gcanaaatca 360

caagccacca gttttcgatt gtgagtgttt cgattgttac actaactact gggtttcgtt 420

ggggattctt cg 432

<210> 11170
<211> 475
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-009-Q1-E1-A3

<400> 11170

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cggtcatatg ttggctggga ttttgaggaa gaacggtgtt gatgatcagg ggattaactt 120

cgatactgga gctagaactg ctttagcttt cgttacgtta cgtgctgatg gagatcgtga 180

gtttatgttt taccgcaatc ctagcgccga tatgcttctt cgtcctgatg aactcaatct 240

cgacctcatc agatccgcga aagtgtttca ctatggatca ataantttga tagtggagcc 300

gtgtaggtca gctcaanttg aaagccatgg aagtggccna angaangcan ggagnctcct 360

ctttccctan ggaacccaaa cccncanggg aagcctcctg gtngggccaa tccannaagg 420

aaaganagcc cananccacc gnatncatng atcatttngg gaaccaaaag cctgg 475

<210> 11171
<211> 450
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-009-Q1-E1-A4

<400> 11171

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cgatccaaga gatgttcagg cgagtgagtg agcagttcac agctatgttc aggaggaagg 120

ctttcttgca ttggtacaca ggtgagggaa tggacgagat ggagttcaca gaagcagaga 180

gcaacatgaa cgatcttgtg tcagagtacc agcaatacca agatgcaacg gctgatgaag 240

aaggtgacta cgaggatgag gaagaaggtg aataccaaca ggaagaagag tactgagagt 300

aatttagtta taaaaaaccg cttgaaaaaa atccaattta gtccgtttgg ctacnttttt 360

ttccttanaa aaanaaaaat gggaaacctc caactaccaa tttgccaggt ttatntccaa 420

tgccttgtat tttgacctta tccnggatga 450

<210> 11172
<211> 430
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-009-Q1-E1-A5

<400> 11172

gagcttaaac cccattttat attttagtcg gagctccggt gaaataaaat ggcggcaaag 60

attattggtg gatgctgctc atggcgacgc ttttacagga agagaacatc atctcgattt 120

ctgattttct ctgttcgagc ctctagttcc atggatgaca tggacaccgt ctacaagcaa 180

ttgggattgt tttcactaaa gaagaagatt aaagatgttg ttcttaaggc tgagatgttt 240

gcaccggatg ctcttgagct tgaagaagag cagtggataa agcaagaaga aacaatgcgt 300

tactttgatt tatgggatga tcccgctaaa tctgatgaga ntcctctcaa aattagctga 360

tcnagctaaa gcantccgan tcccctcaaag anctcaaata caagggtgaa gaaactaagc 420

cgattntaca 430

<210> 11173
<211> 386
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-009-Q1-E1-A7

<400> 11173

caaccacaag aacacaaaac acacaaaaac aaagaggttc tttctttgaa gaagaaatgg 60

aaaaagttga tgtttatgat gagattgtng gaaagagaac cagataccgt cttgatggca 120

ccaagatcat gaaggtattt ttggatagta agctaangaa cgacactgag tacaanctgg 180

agacaatggt gggtgtgtac aggaaactta cagggaaaga tgtagttttc gagtacccag 240

tcatagaagc ttgaagagat gaatgtttgt ttcattcttt tttgtcggnt aggagagctt 300

ttgantctgt ntggggagta naactcttgc naagatttng tnnttcagca ttccncatct 360

cctcntcaaa gttcgattta tcgnta 386

<210> 11174
<211> 419
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-009-Q1-E1-A9

<400> 11174

gggtccaatt gagaaaaacg cgtatcgtcg tcttcttcat caaaagcgaa caanttntcg 60

aaacacacct atancgacac aaantcncat cttctctctn tgnaaatctc acnnantana 120

gaaaagcttt gtttttttcca attaaagtta catttttttgt ttgaacaaat cactttctgt 180

gatctacatt tgtgtggtcg tgaaatcaat gacggaacca gaaagattag gaggaatctc 240

cctgagtttt ccggtgaatg aagaagatac ggtaacgaca acatcaccaa agactcttcc 300

acggaggctc cgtcgtcgtc ttctcgaacc gaagagtcct gtctccgccg caagagatng 360

attccaaaac tcaagagaag ctgatctccg tcgtcagcaa tattatgaat cactatcga 419

<210> 11175
<211> 398
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-008-Q1-E1-G9

<400> 11175

tgatctctga taacatcaat tcgtttagag atcgaaccag agatattctt agcgtcgtcg 60

tcgcgctttt gttcggtgtt ggttgtggtg ctttaaccgc tgctactatg tatcttgttt 120

gggctcttgt tgtgaatcgt caaagctatg attttgagga agaagaagat gattatgaga 180

atgatgaatc tgatgctgct agcttgaaga aattgggtta tgttaagatt ccagctccag 240

ctcctgctcc tgtgaaggaa gctgcttgat ttgaggttgt gaatttcagt ttctgcatat 300

tatcatgatt tacgttgttg ctatctatgt tgttgcgtac aagtaaattc gtctctgtta 360

nggattaanc naaacttact atactctaag tatcagtg 398

<210> 11176
<211> 494
<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-008-Q1-E1-E1

<400> 11176

gttctttggc cgcccggtcc gaaataaacg ggtcgacnca cgcgtccgat naaccttctc 60

ctctttctta cgcaattaca acttcaacgc ctctctatct cttcgccgtg aatgtcgaga 120

tagtcgtaag ctctctgctt ttcaaatttc tctcaaattg aggtagagag agagggcaca 180

gagatagaga gagaggggca taggaaacgg tgattttccc agttcccgga ggaacaatcg 240

gctganttct ctgtaatcga agaatctaaa cctcacccac tcgaaatcag ctcgtgggtt 300

ttgggggtc tctattaatt tccaaattct ggagaaaaat cttgtatttc ttcaagatgt 360

ttgggtgtga ttgtttttac tggagcagag gaatctccga gttggattcg gaatcgtccg 420

agccaaaagc ccttctcaac ttccgggtcc tcttcctagt tggccgcaag gtaaaggttt 480

tgccacagga agaa 494

<210> 11177
<211> 433
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-008-Q1-E1-E11

<400> 11177

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agcactgcgc gacgctctac gaggagtgtc taaagaatct ggtgaaagaa aagattatcc 120

caatatcgaa aaagacaggg tatcctgagt ttgatctaca acttctaggg atgggtcctg 180

atggccacat ggcgtctctc ttcccaaacc atccacagat caatgagaag cagaaatggg 240

tcacttacat caccgactct ccaaaaccac caccaaagag aatcacattc actttaccgg 300

tcatcaactc tactttgtac aatcttatgg ccatttgtga caaagcaccg gccaaatccc 360

gtggctgaga tcatgaagca caacaacctc tcgttaactt ctgcncatcc tantgctcaa 420

gtcgaaaatg ttt 433

<210> 11178

<211> 425
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-008-Q1-E1-E12

<400> 11178

tgcagcaact gccgatagtg gagatgctgc tggtgccgat agnnnnnnnn nnnnnnnnnn 60

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 120

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn naaaccggtg gtgaaagtgc 180

tagtggtgga gctgcttctg gtgctggagc tgcttccggt gcctcagcta aaaccggtgg 240

tgaaagtggt gaagctgctt ctggtggttc agctgaaact ggtggtgaaa gtgctagtgc 300

tggagctgct tccggtggtt cggctgaaac tggtggtgaa agcggtagtg gtggaactgc 360

atccggtggt taaagcgcta gtggtggaac tacatccggt ggctcacctg aaancggtgg 420

ctcaa 425

<210> 11179
<211> 450
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-008-Q1-E1-E2

<400> 11179

tccgaaaana aacgggtcca cgcncgcgtc cgcccacacg tccgcccacg cgtccggaaa 60

tcttgcagtt gtctgcagat tcttattcag tggcgtcatc tgatagcaca agcagctgca 120

gtgaagatga taattatgat tctgaatctg agtattcaaa tcataaagag gggcggttga 180

ctgatcttct taatgtgaat agacttggga aggagatcct ggaatgtaca ccganaggaa 240

caagatttct tggttctcaa ccggagaatg gtagcacaat aaaaactttg agaacagatg 300

aatcaatgaa ggaaactacc actanctttc cttctggatt gcataatggt aaacatggtg 360

ttaaccagac agaccgtttg gttgagaaaa gganacctat acanagattt gtttccttcc 420

aagaangaag gaaagttgca ttaccaangg 450

<210> 11180

<211> 455
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-008-Q1-E1-E4

<400> 11180

ccaggtccga nacaagcggg tcgncgcacg cgtccgcana nactacgttt tatacttttc 60

ttcttccttt catttgggtt aagagaagcc atggataccg agtttctccg aaccctagat 120

cgtcagattc ttttgggtgt cttcgttgct ttcgtcgccg ttggtgctgg tgctgcttat 180

tttcttacat cctccaagaa acgcagagtg tgtttggatc cagagaattt caaggagttc 240

aagcttgtta agagacatca gcttagtcac aatgtggcca agttcgtttt tgaactccca 300

acttctactt ctgtgttggg tcttcccatt ggacaacaca tcagttgcan gggaaaggat 360

ggtcaangag angatgttat taagcataca ncccgactac gttagactct gacgtnngac 420

ntntcgaact tgtcattaga tgtatcccca aggga 455

<210> 11181
<211> 365
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-008-Q1-E1-E5

<400> 11181

gctnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnaga tccagtttta 60

gggttttctt ctctgtgagc gaagatgcgt gagattcttc atattcaagg aggtcaatgc 120

ggaaaccaaa tcggttccaa gttttgggaa gtggttaatc tcgagcacgg gattgatcag 180

acgggacggt atgtangaga ttccgagtta cagcttgaga gggttaatgt atantacaac 240

gaggcgagtt gtggaaggta cgttcctcgc gctgttctca tggatttgga gcctggaacc 300

atggacagtg tcagatctgg tccgtanggt cagatcnttc gacgggataa ctccgtcttc 360

nggtc 365

<210> 11182
<211> 427
<212> DNA

<213> Arabidopsis thaliana

<223> Clone ID: LIB24-008-Q1-E1-E9

<400> 11182

cgtccgctct tcttctggtg taaaagcttt tcttccacac acatttgaga aagaagacga 60

agaagaagag agaataacta ttccttcttc gccaagttct ctgagctata gaagaaggag 120

ggatttcttc agaccgccat tgttgcccac cttctctcct ttctattttt cgccgcattt 180

tactcgctta ctgacaaaag tcttctactc aagtctctct ctcgctctct ttggaggctc 240

aattagggtt ttgttgtcgt gagatttgat tacacaaatt gctgaatttg gtttcgatta 300

ttggtgttat tgttttcgaa gatttccagt gagtttccgt ttatggatct gactggagga 360

ttggagctag atccggcggt gttgggaccg tgccgggaac caataggcct tgaatcgcta 420

catctcg 427

<210> 11183
<211> 432
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-008-Q1-E1-F11

<400> 11183

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tcccattctc tgtccataac aatgaatatc aattgttctc cattagggtt tctaatttca 120

ctcttcttca ttgttacttt tcttgcacca caagtcaaat ctagggcttt ctttgtcttt 180

ggtgactctc tcgtcgacaa tggaaacaac gactacctcg tcaccactgc ccgtgccgac 240

aattacccgt atggtatcga ctacccgacc ccgtagaccc accggacgtt tctctaacgg 300

ccttaacatt cccgacatta tcagtgaggc tatangcatg ccgtcgactt tgccgtacct 360

tagcccgcat ctcaacggag aaaatcttct agtcggtgct aatttgcctc cgcangaatt 420

ggatctcaac ga 432

<210> 11184
<211> 436
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-008-Q1-E1-F12

<400> 11184

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attttagtac gaatccatca acgccaaaca ctggtcagcc gacaccgacg taccccgccg 120

gtgttggcgg cggcggcggt ggaaggaaaa aaggcgttgg cgtgaggacg tggttggtac 180

ttaactcgtc agggcaatcg gagccgaagg aagaagggaa acactccatc atgcggcgaa 240

cgggattacc ggcgcgtgat cttaggattc tcgatccact gttgtcgtat ccatctactg 300

ttttaggtag agagagagcg attgtcatca atttggagca tatcaaggca atcatcactg 360

ctcaagaagt tttgttgctt aattccaagg atccttcggt ctcaaccttt aatgatgaat 420

tgcagaagcg gattct 436

<210> 11185
<211> 483
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-008-Q1-E1-F2

<400> 11185

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ccttctgcag acgttatttg gaccgccttg gtgaaacaaa atacttgatg gctttaaaga 120

atctttgtga ttctggcata attgagccat gtcctccagt gtgtgatgtc aaaggaagct 180

atatttctca gtttgagcat acaatcctgt tgcgaccaac ttgcaaagag attatttcca 240

aaggagacga ttattgaaat agtgattttc acagaacttg aagcagttgt tcttcttgag 300

tttgtataat agttttggaa ggctttttaa gtcttgtgct caaatatttg tatgttcttc 360

gaagatgatt ctaagtataa gagcttaagg gatccttcat caattataag ctacatgtta 420

gcttaaaaaa anaagnnnnn cnnnnnnngg nnaaaaaaaa aaaagggcgg ccgctctaaa 480

agg 483

<210> 11186
<211> 435
<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-008-Q1-E1-F6

<400> 11186

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gagactgaca ttggtggtgg atacagatct catttatcta cagctgctag tcattacgga 180

acacaatatg gctctgtgta tggatcaact tctcttagca gctctcagcc tttaagcacc 240

aatggtttag gttcatcagt tttggataac cgctcgggat atgtccctac tttacctgat 300

tcaccaaagt ttgcatctgg aagctatttg tctccctcga gccatggtta tggtcaaaag 360

acggacgatt tgtattccga taagctgtct ggttacattc ccgttgatan aangcagtat 420

ggtgaacaat caagc 435

<210> 11187
<211> 433
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-008-Q1-E1-G11

<400> 11187

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atctccatct gttggatttg tcaacaagat ttatcaccct aatgtcgatg aatcttctgg 120

tgctgtttgc ttagatgtta taaaccagac ttggagccca atgtttgatc ttataaatgt 180

gttcgaatcc ttccttccgc aactgcttct atatccaaac ccatcagatc catttaatgg 240

agaagccgct tctctgttga tgcgagaccg tgcagcctat gagctcaaag tgaaagaata 300

ttgtgagaaa tatgcaaaac cannnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 360

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atcnatgact gtt 433

<210> 11188
<211> 428
<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-008-Q1-E1-G12

<400> 11188

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accccattgc caggtgcttg gccccagaaa cctggttcag ccactttccc tttctttggt 120

gttcagcctg tcatagttga tgaaaagggc aatgaaatcg aaggcgagtg tagtggttat 180

ctttgtgtca aaggttcatg gcccggggcg tttcgaactc tgtttgggga tcatgaaaga 240

tacgaaacca catactttaa acctttgcc ggatattatt tcagtggtga tggttgcagc 300

agagacaagg atggttacta ctggcttaca gggagggttg atgatgttat caacgtcagt 360

ggccatcgaa tcggaactgc tgaagtagaa tctgctctgg tttacaccct caatgtgcaa 420

aaacanct 428

<210> 11189
<211> 440
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-008-Q1-E1-G5

<400> 11189

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atagatacgc attggttttt tctttttga agattctcgc ttcttactac atgtgtatca 180

atcgatctct acccagattc tccggaggag ctttgagtct tgtcgtatag atgcagtgaa 240

ggtcctttgt tagatgggaa aacttgttct tgagttgtca aaaggtattt tctatgtttt 300

tggagtagaa ctgtttacaa ggaagcagcc aatatggagt ttgattttgg agaaatgttt 360

ttagtgttgt tgtgaagaaa tatcagtttt gattgttttt ggatttgatg ggtaaagaga 420

atcagttgga gactaccgat 440

<210> 11190
<211> 436
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-008-Q1-E1-D9

<400> 11190

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aacttgcatc tgatggaagt ggcgtttatg agtactacac ctgggctagt cttggtgaaa 120

agattagctt tgttcctcaa gattctaggg gtaatgtaga gaagaagatg ttgttttacc 180

ctaaagagat tcatgctgta gtgtcaaaag atggatgtca agcttctgtt tctccattta 240

ctggtcggct tggtctttac atacaaggat cagtctctcc tcctcttcct ggtgttaata 300

ttaagatttt tgcggcaaag gacagcctta attcctcact taaagaaagg ggaaatagct 360

attgaaacaa gcactttacc anctggttca tttgttgctg ggcctttgta tgacgatata 420

ccatatgcca ctgaaa 436

<210> 11191
<211> 419
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-006-Q1-E1-H7

<400> 11191

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catgttcgaa gaggaaggaa cttcaaggac aaagttgatc agccatcttg gctttacttt 120

gcctgttgcg gaaaaggatc aggcagtaga tgggctctca tcagatctca atggcattag 180

attagaggat actgcggcag atgcactgga tcttgacgac agtaacgagg cagctgcatt 240

tgcgatggat aatggagaag acttctttaa caactttcct gctaaaccgg atacacctgt 300

atctacatct gccaaagatt ttatgccttc tgacacagat ttttctacca aaggagaaga 360

aacgcaagaa atgcaagaag aagaggaaga aagttctgac ccagtttttg ataatgcca 419

<210> 11192
<211> 438
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-007-Q1-E1-A1

<400> 11192

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accttgaaat ctccaaaccc aattccaaaa agaggtctaa ttgtttatct ttatctctcg 120

ataagccttt cttcaatccc ttatctcttg ttcgtagaac tcgtcgtatc cattcntctt 180

ctcttcttgt tccttcggct ngttgctact ccnaattctg ttctcagtgg aagaagcttt 240

caaaagtctt gggccttttct gaccatgacg aatatgacct tgncggngac aacaacaacg 300

ttgaagctga tgatggtgaa gaactcgcna tctctaaact tagtttgcct caacgtcttg 360

aagagtctct tgagaaacgt ggnatcactc atcncttccc cantcagaag agctgtnttg 420

ggnacctgca ctggaaag 438

<210> 11193
<211> 490
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-007-Q1-E1-A10

<400> 11193

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aagttatcaa atcagttttt gtggaatttt gaatctcgtc gcttctgtgt tggctatgac 120

tgaagttgcg agctcagtgg tgtatgaagt gctcggacgc agagctcagg atgtggacga 180

gccgattatg gactacatca ttaatgtcct cgctgatgag gatttcgact tcggtgagga 240

aggtgaaggc gcctttgatg ccgtcggtga gctcctcgtc gctgctgaat gcgtttccga 300

tttcgaagag tgccgtttgg tttgtagcaa actgtcggat aagtttggaa agcatggatt 360

ggtgaagcct acacctactg gtgaagagtc ttgctatgcc tgtgcggatg aacgatgggg 420

atgggatgaa tggacctgtt aagaagaaga aaccanagcc tgtggatggg cctttgctca 480

ctgaacgtna 490

<210> 11194
<211> 447
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-007-Q1-E1-A2

<400> 11194

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aatgttgatt gagataatta taatgtatcc gatccaacat cgaaagtata gagatggaat 120

cgacaatctt cttgtccttc tcattggagg aatcccaatc gctatgccca ctgtgttgtc 180

tgtcacaatg gctattggat cacataggtt gtctcaacaa ggtgccatca caaaacgaat 240

gaccgccatc gaagaaatgg ctggtatgga tgttctttgc agcgataaaa ctgggaactc 300

taaactctca aacaaactta cagttgacaa agaacttgat ttgagggtat tctccaaaag 360

acgttagaca aggactatgt gatactactt tcaagctaag ggcttcaaag agtagagaaa 420

ccaagatgcg aattgatact tccaatt 447

<210> 11195
<211> 429
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-007-Q1-E1-A5

<400> 11195

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tcgtaaaggt ttcttgtgag cttaaacgat gagtaccctt gagaccacaa gagctgagct 120

tggtctggta gttgtgtatt tgaataaagc ggaggcgaga gacaagattt gtcgagctat 180

tcantatggt tccaagttct tgagtgatgg ccaacctggc actgctcaaa atgtcgacaa 240

gaacaccagc ttggctagga aagttttccg tctcttcaag tttgtaanat gatcttcatg 300

ctctcattag ccctgttcca aagggactcc actcccgctt gttcngctcg gaaagtctaa 360

aaacgcgttg ctgtcaacnt tncttgttcc ctanattaaa ttgtgttggc ttggcangga 420

ctgggattt 429

<210> 11196
<211> 489
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-007-Q1-E1-B1

<400> 11196

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ttaatggcca aattatcttt tggaactcga tggcggagaa gctttatgga ttctcagctg 120

cagaagcgtt agggaaggac tcgattaata tactcgtaga tggtcaagat gctgctgttg 180

caaaaaatat ctttcagcgt tgcagcagtg gagagagttg gactggagag tttcctgtta 240

agaataaaat gggagagagg ttttcggttg tgactacgat ttctcctttt tatgatgatg 300

atggtttgct tattgggatt atatgtatca cgaatgattc ggcacttttt caacggccga 360

gagttcctcc cgctaaaaac angtggcaag aanggggatt caagcttttg ccgggggact 420

aatggtgttg cttctangct tggttttgat tccaaagaaa ctgttgtgtc caaacttggg 480

ccttgattc 489

<210> 11197
<211> 476
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-007-Q1-E1-B12

<400> 11197

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tcgccatcgt cgctaccgat tgtcttgagg tttacgactt ttggactaat ctcctctgtg 120

gagagcaatg actaaaactc gtgggactga tatgacaaag aaaaagggta aacatgtttc 180

tgaaatggat ttcaagactc atcagcatac tgaatttttc gataagttga tagagctcac 240

gcctgctaga ttctacttac ctgatgagac agaaaggaaa tggtatccaa ggtcttagca 300

aggctcaaaa agctagagcc aagaaaaaaa caaatgacaa cctaaagaag gcgaagagag 360

ataagttgga cccagagaag tctgctttga cgactctcga tttactgaag ggagaagata 420

gagaangaaa gattggcttc acagaagcag aagcttaaga agaaacacgc ggntta 476

<210> 11198
<211> 492
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-007-Q1-E1-B2

<400> 11198

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ccagctttat ctctctcttt ttcacatccc atggctagat ggtgacgacg attcacgcat 120

aaactagggt tcccccacaa atcatcttac acgtatcctc tattccttcc ttcctttctc 180

cgtcatcatc atttttccca ccgacaacaa tctctcggag tttggatcaa taatggcgtt 240

gaagtctagt tctgctgatg gtaaaaccag aagctctgtt cagatcttca ttgtgtttag 300

tttacgttgc ntcttttaca ttttgggagc atggcaacna agtgngtttt ggtaaaagga 360

gacagtattg ctcntgagat gaccaacagt gggagctgat tgcaacattg ttcctagctt 420

gaagttcgaa nactcatcnn gctnggcgaa atcaagtctg tttggtgcct tcngaagctg 480

caaagggtca ag 492

<210> 11199
<211> 479
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-007-Q1-E1-B3

<400> 11199

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ttagattttg atatgtgtaa aacaaaattt tcatttttat atagaaaaaa ataattgtaa 120

gtaattataa atatcaaaaa gttagttact aactttcaaa accgtacttt atataataag 180

atatgaaaat tcactaaaaa attccataca actttaggca tatagagctt atttatacta 240

aaacccctaa aatatcctaa aacaaactaa accagcaaga ctcatgttgc atgtgtcgtc 300

attttactgt gacgcatgag taagcagcac tgagagattt tagtcacnca catataanaa 360

tatggtccat tgggtgtgga ttagtgtttc aaggagccat acaaaggatt gtatgtcact 420

gtgaaattgt atagccctcc taagtctaan aagtanaagg acttccccat catcctgtc 479

<210> 11200
<211> 470

<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-007-Q1-E1-B8

<400> 11200

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cggagagatg caatcgattc gtggcagtac acggttgctt cagaggcatc gtttctccat 120

ctccaacact cttcgtttca cttcttcttc ttcttgtgga agctggtctg aaaatgaatc 180

cagaaaacta gggtttgatt cttgcccttc tagcagagct gcgacatatc tcattagctc 240

gttgaaaaat gcaggctttt cctcttcagc tatacctaaa caaaacttta cgtatgcgtc 300

gaggtgtttt tccaccactg gagattcttc tgttcaagga tctcctgagt cagattgtgt 360

tgtgcctcac agaatcaagt ttaagcggct tgataaancc gctaagcata tnntgcagat 420

tgtanacaan gaaacggttg aggaagtgaa gatccttaga ggagatncct 470

<210> 11201
<211> 493
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-007-Q1-E1-B9

<400> 11201

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gcntgggcgg acgcgtgggt tcgcattgtt aattaaggtc gccggacttt tggccactgt 120

caccgttgga gccaacgtag tttcctactc tcgtttccgt cgccagaatc tcgcgaagtt 180

tcgctctcca atcgacgaat ctaaagaagt tctcgctgat ttcaattcca ttgaacacga 240

ggaaggaaaa ttcttctttg ggttagctac tgcacctgct catgcggagg atgatttaga 300

tgatgcttgg ctccagtttg ctaaagaaac accatgttca gcagaagaag cagaggctgc 360

tgataagaaa gctangagga agaaggttaa gcttgctgtg ggagctataa ccaaangctt 420

ggccaagaac actcatggca aagaagataa gaatgcaact gataagccaa cctcctaaaa 480

atgttgccgc gtg 493

<210> 11202
<211> 438
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-007-Q1-E1-C1

<400> 11202

gaagaaaaat aagataccac tcaccaaaaa cttcctcaaa actaacaaat ggatactaat 60

aaagcaaaaa agcttaaagt tatgaaccaa ctcgttgaag gccatgactt aacaactcag 120

cttcagcaac tcctctctca acccgggtcc ggtctagagg atctagtggc taaaatctta 180

gtgtgtttca ataacaccat ctccgttctt gataccttcg aacccatctc ctcctcctca 240

tccctcgccg ccgttgaggg atctcaaaat gcttcatgtg ataacgacgg caagtttgaa 300

gattccggcg atagtcggaa aagattggga cccgttaagg gtaaaagagg atgctacaaa 360

agaaaaaaga gatcggagac gtgtactata gagtcgacta tacttgagga cgcattttct 420

tggaggaaat atggacaa 438

<210> 11203
<211> 492
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-007-Q1-E1-C10

<400> 11203

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tacaancggt gaccggaaaa gctgtgacgt acggtgatgt agtgagggac acaaagaggc 120

tagccaaagc gttgacatct ctcggactaa ggaaagggtc aagtgatggt tgtggtccta 180

ccaaacgtcg ccgagtatgg gattattgcc cttggtatta tgtctgccgg tggagtcttc 240

tccggtgcaa atccgacggc tcttgtttcc gagatcaaga agcaagttga agcttccggt 300

gctagaggaa tcatcactga tgctactaac tatgaaaagg tgaaatcact aggtttaccg 360

gtgatagtgt taggtgaaga gaagatagaa ggagcagtaa actggaaaga tcttctagaa 420

acangaagac aaatgcggag ataccgacaa tgaaganatt cttcaagaca gatcttgtgc 480

acctcccttt tc 492

<210> 11204
<211> 412
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-006-Q1-E1-H6

<400> 11204

gnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnntcgaag 60

atctctattg tcttcttgtt gcttcttctc ttctcaatct tcatcagttc cantcaccag 120

gcaaatgagg tattaccagc tgaaggagat aatgagatga tgatggtgcc attgggggag 180

gagaagttta tggtaatgaa tgaaacaaga aggaaacttg gaagttttca gatatgttca 240

gtttgtactt gttgtggtgg tgctaaaggt ctttgcttgc cttctccttg ttgctangct 300

attaantgna atatccctaa tanacccttt ggntactgtt cnttcactcc caaaacttgc 360

aattgctttg gttgccatat cngagatctt ctacttcatn gtaatttggg ag 412

<210> 11205
<211> 427
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-006-Q1-E1-E9

<400> 11205

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aaagattcaa taattgagat tgatctcaaa accaaagctc tcgtgctctt gtcgttgatg 120

ttggttgtgt atactttgta tacaatgatg aanagtttgg cgaatgctgt tggagcgaag 180

acggcnaggg cttgcgacag ctgcgtgaag agacgtgcac ggtggtactg cgcggccgac 240

gatgcttttc nttgccagtc ttgcnacagt ttggnccant cagcanaccc tcttgctcgc 300

ngccacgana gagtccgttt gaagacggct ancccggcng tcataaagca tagcaaccac 360

tcatcaagct tctcctcnac atgaggtcnc cacgtggcat cacggggttt actcgtaaag 420

ctcnaac 427

<210> 11206

<211> 428
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-006-Q1-E1-F10

<400> 11206

ggatcttgtg aaccactaca cacactaaca caatgagaga gatccttcac attcaaggtg 60

gtcaatgcgg taaccagatt ggttccaagt tctgggaagt catctgcgac gagcacggca 120

tcgattccac cggacgttac agtggagaca ctgcagatct ccagcttgaa cgtatcaatg 180

tctattacaa tgaagcttca ggtggaagat acgttcctcg tgctgttctt atggatcttg 240

agcctggtac tatggatagt atcagatccg gaccgtttgg tcagatcttc cgtcctgata 300

actttgtctt tggtcagtct ggtgctggta ataattgggc taaaggtcat tacactgaag 360

gtgctgaact tattgatgct gttcctgatg ttgttcgtaa agaagctgag aactgcgatt 420

gccttcaa 428

<210> 11207
<211> 416
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-006-Q1-E1-F7

<400> 11207

ggattgcgtc actgtagtag tagtagtaat gtctcttctt cttctcttct gttgcttctt 60

tacctctctt tctatttctc attctcatgg agcttccact attcacattt ctcctactca 120

gcctcccgca gcttcttcgg agaaaaccgg ttctgtaatg aaatttatag tagcagaggc 180

accattatta ggacctgcag gtttcaacaa ccctcaagta attgaagttg cttcagtagc 240

tttagctgct caaagaacat atagaaaaga tcctctcaat ggttttgaga aatatactgg 300

aggatggaat atcagcaacc aacattactg ggcttcagtg agctatacag ctgttcctct 360

ctttgttctt gctgctgttt ggtttcttgg gtttggatct gtttattaag tcatct 416

<210> 11208
<211> 422
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-006-Q1-E1-F8

<400> 11208

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gccctgaagt gcagtttcct agtggtaaaa tatattctag gcgttacaca aagttttatg 120

gcaataatgg tgatgctgca gcacaaattg cacatgatgc tattcttgga catagtcaat 180

gggagtcctg gatagaagat tggcaaagac caatacttga agacaaaaga ctgcctgcat 240

ggtaccctgt cactctcttc aacgagcttt attaccttaa ttcaggagga actctttgga 300

cagatggatc atccccagta catagcttgg caggagtcag agaaaagaag ttctcacttg 360

ataaatccca actcggtcta aagaacgata tcgatgtacc gcatcaagaa tgatacagct 420

gt 422

<210> 11209
<211> 430
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-006-Q1-E1-G10

<400> 11209

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taacaaacgt caaagcaaat catcatcgga gcaatcttca aatcatcatg ataacagtag 120

ccatcgcagc cgagttgctt gaagaatata cggcggcgct cacacgcatc accgccacac 180

tcctccctcc accacctaca agtcaccgtc gaagtgtccg agctcctact agcggccgag 240

ctgactcttc cttgcctcgt aacgataaca actcatcatc atgcgctcca aattacaccg 300

cttttctctt aaatttctga gtatttttt aatagacgaa gagattttcg aattttcttt 360

gtcttgactg taataatgtt tgtgttattc aattggaact ttctatttat tttcgatatt 420

aaaaaaaaaa 430

<210> 11210
<211> 418
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-006-Q1-E1-G2

<400> 11210

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nnnnnnnnnn nnttttaagt ttctttataa ttctctaatc gagagaggga gattggcagt 120

gatgactcgg aaatttcaag ctcaacagac cggaattagg cgtttcttcc aatttattgg 180

ttgagtcgtt tctgtgtcga taacccccgct gatctgagcc ttcctctctt ttcatttgat 240

tctgatttgt ttgcgttttc gaatttgaaa ttctctggta atcgatttat acgtttttat 300

cgattttgaa atcggtgttt gcgcttttt aatgatgatg gggattttgg agattacgat 360

gaggatgtac agctccctct tctgattaag ctgaagagaa ntgctggcaa aatcgaac 418

<210> 11211
<211> 466
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-006-Q1-E1-G4

<400> 11211

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gaacggcccc gtcgccacca ccggtgaaac atgtgccgga gtcagttctg ccggctaaac 180

caccaaagag gaacaattat gcattcgcgt gtgctatctt agcttccatg acttctatcc 240

tccttggtta tgatatagga gtgatgagtg gagcaatgat ttatataaag agagatttga 300

agattaatga tttacaaatc gggattctcg ctggaagcct caacatctat tcacttatag 360

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ctggagccat attcntcgcc ggagctatcc ttatgggatt gtcccc 466

<210> 11212
<211> 418
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-006-Q1-E1-G5

<400> 11212

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ccaaatcacc tctctttcac tcatttctct tcatctttcc ccaaaaagcc ttcgtctttc 120

tctctcagat ccttacccag atcaacatca tccttcaaat gcatttcaat caaagcttcc 180

tcatccaagt ctcaagactc gaagctctca atcctcaaat ccacatgcgt cagcttcact 240

gcggcagcag cactgttcct tgtgaatctc cagctcaaac cttcaccggc gattgcggct 300

cctgtggcgg cgacgccgtt aatggaatct ctcaaacaaa gtaacggaaa cgtttcattt 360

gaagaagaag agagatcact cgaagagtat cttgcttctc accctgatga tgttgaag 418

<210> 11213
<211> 420
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-006-Q1-E1-G6

<400> 11213

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ttagtcgcgg cgcgagagct tcgtcgggaa ggtcactcgg tggtcgtctt cgagagacaa 120

aaacaagtcg gaggaacctg gatttacacc gatcatattg aacccgatcc attaagcgtt 180

gacccgaccc gatccgttgt tcattcgagc gtctatggat ctctccgaac taatctcccc 240

cgtgagtgta tgggatacag ggacttcccg ttcgtgattc gttccgatgt atcggaatct 300

agagatccga ggaggtttcc gagtcatggt gaagttttgg cgtatttgca agatttcgct 360

aaggagtttg cgattgagga gatgattcgg tttgatacgg cggttgtgaa ggttgctccg 420

<210> 11214
<211> 417
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-006-Q1-E1-G7

<400> 11214

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ggtcgaactt cgagacgacg ctgaatgatc tacgctcact cgtaaaggct gcagatttcg 180

tggcgattga ccttgagatg actggcgtga caagcgctcc gtggcgagac tccttagagt 240

tcgaccgcta cgacgtcaga tacctcaaag tcaaagactc cgccgagaaa ttcgccgtcg 300

ttcagtttgg tgtctgtccc tttcgttggg attctcgtac tcagtcattc gtgtcctacc 360

cgcacaattt ctttgtattt cctcgtcaag aactcacatt tgatcaacca gctcatg 417

<210> 11215
<211> 433
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-006-Q1-E1-G9

<400> 11215

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ttgtcgtgtg attgctaggc ttaaaaaaga aagagacgaa tcacgacaat tgcttgcaga 120

ggctgaaagg cagttgcctg cagcccccga agttgccaca tcgaatgctg ctcttagtaa 180

tggtaaacga ggtatcgatg atggtgagca ggggcctaat gcaaagaaaa tgcgtcttgg 240

aatttcggct gaagttatca cagaactcac agattgtaat gctgctcttt ctcagcagcg 300

taaaaagaga cagatcccta aaacattggc ttcagtcgat gctctggaga agttcaccca 360

actctcaagc cacccccttc acaagaccaa caaacctgga atttttttcaa tggacatcct 420

acattctaag ggt 433

<210> 11216
<211> 418
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-006-Q1-E1-H1

<400> 11216

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tctgatctcc gttaccgatg gagtctactg ctaacgcact cgtcgtcaag gtgagctatg 180

gaggtgtgct taggcgtttc agggtgcctg ttaaagctaa tggacagctt gatcttgaaa 240

tggctggtct taaggaaaag atcgctgctc tctttaacct ctctgcggat gctgaattga 300

gtctgactta ctctgatgag gatggggatg tggttgccct tgttgatgac aacgatctct 360

ttgatgttac taatcagcgt cttaagttct taaagatcaa tgtgaacgct ggcgtgtc 418

<210> 11217
<211> 431
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-006-Q1-E1-H12

<400> 11217

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aaggtattcc tgaccaaaaa gtattcttgg atgatgccgc acttttgtta tttgcagaag 120

ctattttcga tcaaaagttt tcaccagaag ttccggattc cacgtatcct tctttgaaag 180

aaccagaaat gcatgttgcc gcaccatgtg tagtaacaga tcttcctgct aaaaacatca 240

aggtaaaaga aggtgaagta cataatgagc cctacacagc atctgatgtt tctatgaatc 300

agaagagtgg tttattggaa ccagaatcta ctgaaagaac atttccctcg agcggtggta 360

ctgttacgat ttctccagat actcagaatt ctcttccaaa tggtacaagt gttgaatcaa 420

taagtatatg g 431

<210> 11218
<211> 418
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-006-Q1-E1-H3

<400> 11218

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agggtttttg attcttcggg ttttctcgtg ctttgattcc tttcaagtca aagcaaagca 120

ttacctttttc tcgtccatat cttttgacga cctaagtttc tgctgtgaat tgttaaacag 180

ccatcagcct gggcttgatt agccaaccct gttaaggcag ggtttgaact aaaagtgaga 240

tagtgagatg gatgtctcag cacttttaac gtctgctggg attaatatag cgatatgcgt 300

agtgcttgta tcgctttatt ccattctacg aaagcagcca gccaattatt gtgtttactt 360

tggtcgattg ctttctgacg gaagagttaa acgtcatgat cctcgttggt atgagang 418

<210> 11219
<211> 419
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-006-Q1-E1-H5

<400> 11219

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cattttctcc ttaacaatca ccctcatagt aactttaaaa ctctctgttt ctagtaattc 120

acacacaaaa tggctattaa actagcaatt ctatttacca catttgttct ttttagcctc 180

gccgacgcta gaatccccgg tatttactcc ggcggcgcat ggcaaaacgc acacgccact 240

ttttacggtg gcagcgacgc ctccggcaca atgggaggag cttgtggtta cggtaaccta 300

tacagccaag ggtacgggac caacacggct gctttgagta cggcgctgtt taacaatggt 360

atgagttgtg gagcctgctt tgagcnaaaa tgcgccaacg angctcaatg gtgtcactc 419

<210> 11220
<211> 422
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-006-Q1-E1-E6

<400> 11220

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gaagaggtcg aaaacatcaa ggaaagggaa aaaagcatgg agggctaaca ttagctccga 120

ggacattgaa gatttcttcg agaaaactac cagagatgct ctctccggtg gcaatctctc 180

cgctgctccc agcgaagact tgttccacgt cgataaatcc catgaccttc cggtgaagcg 240

aaagattgag aaacatagag agagagtgct ccgtgttgac agtatcttaa agaagaatcc 300

atttgtccag ttagtgccat cttcaaagcc aaagttgaag aaaagtaaga agacaatcgt 360

tatagaagac aaagcaccta aacaagttca aaaaagtgtt ggtgacgatt ctgtaatggc 420

cg 422

<210> 11221
<211> 417
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-006-Q1-E1-B8

<400> 11221

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tcccctctcg ccggttcttt ccggatttct aatgactttc cggcggtttt caacttcgga 120

gactctaact ctgacaccgg agaacttagc tcgggtcttg gattccttcc acaaccttcc 180

tatgaaataa ccttctttag atctccaact tccggaagat tctgcaatgg acgtcttatc 240

gtcgattttc taatggaagc aattgatcga ccatatttga ggccttattt agattcgata 300

antcgacaaa cttaccgaag aggctgcaat tttgctgcgg ctgcgtcaac gattcagaag 360

gcaaatgctg catcctataa ccccttggt tttggngttc aaagtcnctc aattcaa 417

<210> 11222
<211> 430
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-006-Q1-E1-B9

<400> 11222

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caagggaact ctaacgagac tctgttttct tcttacaaga tgggaagatt cgatctctct 120

catcgagtgg ttctggcgcc gatgacgcgg tgcagggcgt tgaacggagt accaaacgcg 180

gcgttggcag agtattatgc tcaacggacc actcccggcg gttttctcat ctccgaaggc 240

accatggtct ctcccggatc cgcagggttc ccacatgtgc ctggaatcta ttcagatgaa 300

caagtagaag catggaagca agttgtggaa gcagttcacg ctaagggagg tttcatcttt 360

tgtcaattat ggcatgttgg acgtgcttct catgcaatgt atcaacctaa tggagggtna 420

ccaatatcgt 430

<210> 11223
<211> 406

<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-006-Q1-E1-C1

<400> 11223

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ccctaggtgt atcaattcgt tcagattccc ggcggttggt ctcactgtca tgtaggtttg 120

attcatcttc tcttctggat cttgagtgac gaagagagaa gagatctgag tttttctgag 180

agagagattt ttctccctcg ttgacccgat cagtttttt tcgtcgctgg ggattttcaa 240

attttttttg agggatcggt tttgatttgt tacgtanatg gcggattctt cacccgattc 300

gtgtttcaaa ggaggcaaat ttagtgctcc agggtttcga tttcatccaa ctgatgaaga 360

gcttgtgatg tattatttga agaggaagat ttgtaggaag angctt 406

<210> 11224
<211> 428
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-006-Q1-E1-C3

<400> 11224

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nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 120

nnnaacaccc atcaccatcg tcaccacttg gccaagcaca actacaaaga tgctctcact 180

aaatcaatcc tcttctttga aggccaaagg tcagggaaac ttccttctaa ccagagaatg 240

agttggagaa gagactctgg tctctctgat ggctctgctc ttcatgtgga tttggttgga 300

gggtactatg atgcaggaga caatatcaaa tttggtttcc caaatggcat tcacaaccac 360

aaatgctttc aagggagtgt aaattgaatt tcggtgggac tcaatgaaat ccggaattaa 420

aaaaacgc 428

<210> 11225
<211> 416
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-006-Q1-E1-C6

<400> 11225

gcttaatgtt cctcgtaagg tgactctttt agatccgtta tgtgatacaa gaaactcaat 60

tcctgagaat ttccctcgtg ttctcgatat gtccaagttt aaggttcgag aattgggtcg 120

tgaattcaag cttcattatt tcaatactgt tggtgatatt gtagagagtt tgtatttgga 180

gaaagctgtt gttaagtatc tagattgtga tggagattat aaatttgtgt tgcttacgat 240

tcatgtttcg gggaagttag ctgtgtttag gtcttgggat cgagcatgga ctgtgattaa 300

tgacatgcct tctccttatg atgatgtgat gttgttcgat ggacgtttct ttgcggttga 360

taacaacggg aggactgtgg gttgtggatt acagttcctt gaagttgacg ttggtt 416

<210> 11226
<211> 419
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-006-Q1-E1-C8

<400> 11226

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aacagaagaa aatggcaaaa gagaaagatc tggagaagca aatcggcggt tgcatggccg 120

gcttcttcaa catcttcgat cgccccagtc tcctctctcc taataagcgt ctctcttcct 180

ctccgagcgc tgaatctgaa tctgcctcgg gtaggacgaa tcagcagagt gtgtactcta 240

cccctgagct acgctctcct gcgccggctc aacaaagann nnnnnnnnnn nnnnnnnnnn 300

nnnnnaggcc ttggaggttc tctaaagaag ctccgaggct ctccctcgat agcagagccg 360

tcgtggatgc caagggctgc ctcaaacaca gacagattcg agccgatgcg gttgaggct 419

<210> 11227
<211> 420
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-006-Q1-E1-D1

<400> 11227

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aacaagattg cttctttctc acaagtttct ccattctcaa gcttccatta tctcaatctc 180

caggacaaga atcctcaaac gggtctctca gaatctctct gtagctaaag ctgcttcagc 240

tcaagctagt agtagtgttg gtgagagtgt tgctcaaaca tcagaaaaag atgtgttgaa 300

ggctctgtct cagattattg atcctgattt tgggacagat attgtttctt gtggttttgt 360

gaaagatttg gggattaatg aagctttggg tgaggtttcg ttccgtttgg gagctgacaa 420

<210> 11228
<211> 416
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-006-Q1-E1-D11

<400> 11228

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aatctgggac ctgggtactg ttcccaagct ccacctggat tcttattgat gtgaagctcg 120

tataacttgt gaatcgatgc ggccttttta atttcgcttg ggatttctta ggtatttatt 180

ctctgtatcc ggatctctat ctataatcgg atcttgtacc tattgggtta gtactcttga 240

tctgaatgta ataagaagcg tgtttttttt tttttaataa tttggaggag cttgtgtttt 300

agttcgttga gatctcgttc gttccgaatg tgggtttant aaggttcttg aaaaagtctg 360

caactttgaa ttangtgcat taccaagaaa tatatagaga ctgcttcnag ttcgtt 416

<210> 11229
<211> 428
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-006-Q1-E1-D3

<400> 11229

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cccatggttc gtgtgggaac gctctctttc aggatgttgg cggcggaata cggcgccgat 120

atcacatacg gtgaagagat tattgatcat aagcttgtta aatgcgaacg ccgactcaat 180

gttgcttctg ggacatctga gtttgtggag aaaggaacag ataatgtagt ctttagcaca 240

tgtgatgaag aaaaaagtan ggttgttttt cagatgggaa cttctgatgc tgttanggct 300

ctaaaggctt ctgaaaattg tgtgttaatg accttgcaaa ctattgntaa ttaatatggg 360

gttgccccaa agggcaatct ccaatcccaa aggtgggaat gggtngctgc ctttgttaan 420

gttaaacc 428

<210> 11230
<211> 418
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-006-Q1-E1-D6

<400> 11230

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attgtaacag atgaaaatat tcttttgctt tttgacatac aacagaaggt tgatcaaatt 120

cgtggaaatt attcaggttc agaggtctct ttgcccgaca tatgtttgaa gcctttggga 180

gaggattgcg ccactcagag tattctgcag tatttcaaga tggactctgg aacttttgat 240

gattatggag gagttgagca tgctgagtac tgtttccagc attacacttc atcagagacg 300

tgtttgagcg cttttcaggc gcctgttgat cctaagtgca atgttgggag gattctcggg 360

gaataattac tcagaggcta ctgcgtttgt tgtaacatat ccagtcaaca acgtcatt 418

<210> 11231
<211> 196
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-006-Q1-E1-E10

<400> 11231

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cttgagactg ctttcaaaca agtttaagta ttcaacgctt ttcttttcaa gggaataaaa 180

aaaaaaaaaa agggcg 196

<210> 11232
<211> 421
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-006-Q1-E1-E12

<400> 11232

ctcaaatctg aatggaggaa gtgatgattt ctccggtgga gcacgaccct cagggccagg 60

ttaagcagca gcaagcggcc ggcgttggta tactgcttca gattatgatg ctcgtgcttt 120

ccttcgttct cggccatgtc ctccgccgtc atcgattcca ctatcttcct gaagccagcg 180

gttcgcttct cattggttta atcgtcggta tacttgctaa tatctccgat actgagacta 240

gcattaggac gtggtttaat ttccacgaag agttcttctt cttgtttttg ttgcctccca 300

tcatattcca gtcaggtttc agtcttcaac ctaaaccatt cttttctaac tttggagcca 360

ttgttacctt tgctatcatc ggaacttttg tcgcttcagt tgttactggt ggtctgggtt 420

a 421

<210> 11233
<211> 430
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-006-Q1-E1-E2

<400> 11233

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aagctttaac atggagaaga aaaaaaagac gccataaaat taactatgtt ttttaaaact 120

ccttaaattg cggtaaattg gtgaaaaaag attgcggtag atttagcatt tatccagttt 180

ttcaatacan aattagtaga ttctttttt tactttctct aaacaaataa ttaggattgt 240

tttttttgt caacaaatat taattttgtt ataaaagcan aannaaaatg acaatctggc 300

aatcaaatta acgcgtctcc ttgtccccta accccacctg tatatatacn tctccgtctc 360

ntcctcttct ccttagcaga tgcttttggg aaaaaaaata tntaccacag ataaaagatc 420

tgatctgtct 430

<210> 11234
<211> 411
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-006-Q1-E1-E3

<400> 11234

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cactacgaga atggacggag atgagctcac cgagcaggaa actgctcttt atgaccgtca 120

aattagggta tggggagctg gtgctcaaag aagattgagt aaatctcatg ttttggtatc 180

tggaattaag ggcactgttg ctgagttttg taagaacatt gtgttggcag gagtaggtag 240

tgtgactctg ttggatgatc gattggttac aacggaagtc ttcaacgcaa acttcttgat 300

tcttcctgat gaaaatgctt atgtaggcaa aaccgtagct gagatttgtt gtgattcact 360

taaggatttt aaccctatgg ttcatgtttc aatagagaaa ggtgatttgt c 411

<210> 11235
<211> 413
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-006-Q1-E1-E5

<400> 11235

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acaaaccaaa agaggttacc aaaacccgta gattcgctcc tggccgtgcc ggaaagtcta 120

aacccaaacc taaaccggaa cccactgctg ataaaccggt acagccgccg ccgcagtcac 180

aaactgagtc cgtgagcaag actgagcatg acgttgatgc taaattcgtt ggcactaagg 240

ttgaaactga ggtttgtaat ggctctgtga agatggagat cgattcaaaa gtcgataaag 300

agcctgagat catggaaact gagttgatgg aggaagatca gcagcttcca ttnnnnnnnn 360

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn ttgttgttcg tgaaaatttg atg 413

<210> 11236
<211> 415
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-006-Q1-E1-B4

<400> 11236

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cnttttctcg ccaaattggc ttccttgttc cacgcgtaca gtctctagtc tttggtagcg 120

tccggaagca tgagttgcgg aggccgagcg cactcangga atggcgggag tacgaagatg 180

ctgtgaagag aaaagatctc gccggggctc ttagattcct caaatctatt gnaaatgatg 240

aacagcgtga ttcggttgaa tcnattgtca cggctaantt aagcggcttg ggaanctcct 300

tgaattgggn aagggattgg caagtttnag atgcttgttt gaatgcagat gatatgaaac 360

ttgttggaan tgccgtttan gtttcntaag gganagagtc ctttggncaa cttcg 415

<210> 11237
<211> 418
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-004-Q1-E1-G11

<400> 11237

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accggtaana cgagaagaag aggcaacggc ggatatcaag attcttacgg agaggctctc 120

tgcagctctt ttaaatgtca gtttaaaaga anatcttgnt aaacagcatg ctanagttgc 180

agaggaagct gtctcangtt gggaaaaggc agagaacgaa gctgcggctc tgaancaaca 240

gcttgatgct tctacaagta aggtttcggc tctcgaggat cgaaatagtc atcttgatag 300

tgcgcttang gaatgcgtga ggcaactctg gcaangaagg agaagagcan aatcagaaga 360

tcgaaagaag ctattaacaa taagatgcaa agaatgggaa actacaanat ctcaactt 418

<210> 11238
<211> 407
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-004-Q1-E1-G2

<400> 11238

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nnnnnnnnnc aggatttgtt ttttccgttt gaggtaaagc agctttgcag ttaaagaaac 120

cttgagtatc caatgtcccc ggaagaggag ctacagagca atgtatcggt ggctagttct 180

tcacctacta gcaattgcat ctccaggaac actctaggag gacttaaaga gcataactac 240

ttgggtctct ctgattgttc ttctgttgga agctctactc tctctcccct tgctgaagat 300

gacaaagcta ctatcagcct caaggctacg gagctgacac ttggtcttcc tggatcacan 360

tctcctgcga gagacacagg agcttaacnt tttgagccca gcaaagc 407

<210> 11239
<211> 443
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-004-Q1-E1-G9

<400> 11239

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ctcatcggaa atttggctta gaggcttgtt ttgatctagg gtttggtttt tgggaatttt 120

gaaaaaaaaa caaaattagg aatgaatcta tgagctactc aatcctgttt cgtcggattc 180

gaattctaca ctctttctcc gtcgtttacc tctactacac ctacgttttc tcatgaagta 240

atcgttcncg atctcagttt tcgtttttga tctaacttan tctttggata gatttagaaa 300

tcggggattt tcagattggt gtttttgag aaggttttta tagggaaaat aatcccctaa 360

gaaagaaaga aggaaataaa nnnttaatna ntggaatttt taaatttttg gggtggaaga 420

angaagttcc aaaaaagtnc aaa 443

<210> 11240
<211> 426
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-004-Q1-E1-H11

<400> 11240

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gatcccgata gcttcgaatg gccgtttcag tacgacgatg ctcgacctat cctcgactgg 180

atctgttcct ctcttcgtcc ttccaatgtc ctctctctcg ccgaactatc actatatgag 240

caanttcaac gagatgggaa actcttagag ggcnatgatc tagaccaggc atatgatanc 300

atatcagcat tttcttccag gaaganataa ccaggaaggc cgtttttgga agcaanaana 360

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cagaag 426

<210> 11241
<211> 484
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-004-Q1-E1-H3

<400> 11241

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aacacaaaaa tgaagtgtcc gtactgttca tcggcgcagg gacggtgtac caccacgagc 120

tccggtagat caataacgga gtgctcatct tgcggtcgcg taatggaaga acgacagacg 180

caaaaccacc acctcttcca tctccgagcc caagacactc ctctctgctt agtcacttcc 240

gatctccaaa cggcggcgca accgtctcct gaagacgagg aagatccgtt cgaacctacc 300

ggattcatta ccgccttctc tacctggtcc ctcgagccaa gcccgatttt cgctcgctct 360

tccctctctt tctccggtca tctcgctgaa ctcgaacgaa ccctagaact cgcttcgtca 420

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tatc 484

<210> 11242
<211> 426
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-004-Q1-E1-H7

<400> 11242

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aagatcatca atggggatat aaatgttgcc agcagatcat tcgcaatagt tactgcacag 180

gttctgctgg aattgaagct gcagaggctg cccttgatct gatgaangct aatattgctc 240

gcaaagaagc aactgaanag agcccaaana aggttgaaga gaagagaatg gcgtcatggg 300

gaactgatat tcctgaagat ttggagttga acgaggaggc acttgctaat gctcttaaaa 360

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acaaca 426

<210> 11243
<211> 485
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-005-Q1-E1-A10

<400> 11243

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ggtcgtactc ttggccgtcc agatggtatt ctcatcaacg gaaagtccgg gaaaggcgat 180

ggatccgatg cacctctctt taccttgaaa cctggaaaga cctacagggt taggatctgc 240

aacgtgggtc tcaagacatc tcttaacttt aggattcaga atcacaagtt gaagcttgtt 300

gagatggaag gatcgcacgt tctccagaac gattatgact ctctcgacgt tcacgttggt 360

cagtgttacg gaaccatcct taccgctaat caggaagcta aagattacta catggttgca 420

tcctctaagt tcttgaagtc cgttataacc ancactggtc ctctccgcta tnaaggaagc 480

aaaag 485

<210> 11244
<211> 474
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-005-Q1-E1-A12

<400> 11244

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cacgctcccg ctccagttca agatcatcgt cgtcttcttc ttattcttct ccaatttgat 180

taattagaga ttggatttgg cgattttggt gaaatcattc atgttcaact tgcgatagat 240

cgagctgcta atctttcaag aggagatgca tatgttgaat tcaaggcaaa aatagctgat 300

gctgagaaac cacagctgta catggatggt gtatgtttca agtgatccaa agggagatgc 360

tttaaaatct gataatgttg gtactgacat tgagaaatat gataatcacc tctgcctaag 420

aattggtggg ttaacccata cgcaaggcaa atgtcctcct ctaaccgggc gttn 474

<210> 11245
<211> 413
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-005-Q1-E1-A3

<400> 11245

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caagttgagg tttctgttac acctggtggt cgatggaata gattcaagac ttactcaact 180

attcaaagaa cattggagat ttggggtttt gttgtacagt ttattttcag gacttggtta 240

agcaataaga agttctctta taaaggggga atgactgaag agaagaaggt tttaagaagg 300

aangttttgg ctaagtggtt gaaagaaaac attttgagat tangtcctac atttatcaaa 360

attgggcaac agttctctac tacagtggta ttcctcctca agagtagttg tca 413

<210> 11246
<211> 417
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-005-Q1-E1-A4

<400> 11246

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cccggtgctg ctgcggctga agctgcggcg gctgccgctg gagctgcggc ggcngctgcc 120

ggagctgcgc aacaagggac gacgtcttta tatgtcngtg atctgggatg cgaccgtgac 180

ggattcacag ctgtttgang cgtttaccca aacgggtcaa gtggtttctg tccgtgtctg 240

caaagacatg acgactccga gatntcnaag ctatggctac gttaactaat gcaactcctc 300

aaagatgcnt ccaanggcac tgaantgagc ttaatttcaa gggtccctaa atgggaaggg 360

ctataaaaaa nttaatgtat tcccgttccn ggatttcaaa atctcccgtt aaaaaac 417

<210> 11247
<211> 410
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-005-Q1-E1-A7

<400> 11247

taatcgggtt ttatgtccag catctccgac ttccggagtt gtgatggctg gccctctgtt 60

tggcatcatc cggcttctat aaggagcgtt ggccagcttc gtcgtttttt ctagtcgtcc 120

ggtgtatgag gttcgtatca cgtttaatat tcgctgtttg gttattataa atccagtaga 180

tccggttang tctctacttt tgttcaatta tttcgaggat taatanttct gctccggtgg 240

cctctaacaa ggttatgtgt tgatagcttt gttggatcta natgtttctt tcgatttaag 300

ttgtcaagac agttctgcgc ctaagttagc tggttaaaag ctcagtatat tgatgttttg 360

tcctccatac tccgtgattg ccagaatcgg tgagaaaaaa gaagattcng 410

<210> 11248
<211> 441
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-005-Q1-E1-A9

<400> 11248

gacctcctcc accgggtggc gtgacaagat ccgttacaat acgcctcttc acgtcgtcac 60

tatcacagaa ctcggcgcca ttattgctct catcgcttcg tttatctatc tcctagggtt 120

ttttggtatt gactttgttc agtcatttat ctcacgtgcc tctggtgatg cttgggatct 180

cgccgatacg atcgatgatg atgaccaccg ccttgtcacg tgctctccac cgactccgat 240

cgtttccgtt gctaaattac ctaatccgga acctattgtt accgaatcgc ttcctgagga 300

agacgaggag attgtgaaat cggttatcga cggagttatt ccatcgtact cgcttgaatc 360

tcgtctcggt gattgcaaaa gaacggcgtc nattcgtcgt gaggcgttgc aaaanagtca 420

ccgggagatt attgaaaggg t 441

<210> 11249
<211> 469
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-005-Q1-E1-B1

<400> 11249

ctgttttgcc gcccctaccg gtccanaant cccggggtcg acccacgcgt ccgccgctcg 60

gcgacaaaga cgaagaagcc gaggaagcac cgatacgacg attgagactt agttttgctc 120

agattcattt aaccaccggc gccaagtgac gacgacgacg gagggagcag attcgaattg 180

tgtgaagaca gcaatggagt ctactgagtc atatgcggca ggttcaccgg aagagctggc 240

taagagatcc cctgaaccgc atgattcttc cgaagctgat tctgctgaga agccaacaca 300

cattcggttt cttgtatcca atgcggcagc tggttccgtc attgggaaag gtggctcgac 360

catcactgaa tttcaggcaa antctggggg caaggtncac ctttcacnta accaaangtt 420

tttcccgggg nacnaactga cagaattatt atganatcgg gattaacca 469

<210> 11250
<211> 486
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-005-Q1-E1-B12

<400> 11250

ctgtttacct tgcccngtgc cggtccaaaa attaacgggc ntcaatccaa agcttncctc 60

ttcttggaac caatctgctc tctttttttat tctgagtttg acaatggcgg ttggtgaggt 120

catgaggatg gagattcccg ccggtggaga tttgactgtt actantccgg agttgcatgt 180

tcntgccgtc natgatanta ntgtggatng taaagtcatc naaangttgc ttaaaatctc 240

ttcntgtaaa gtgacgactg tagagagtgg aactanggct ttgcantatc ttggcttana 300

tggaggcaaa ggggcttcta atcttaagga tttgaaggtg aatttgatag tgacggatta 360

ctcaatgcca ggactttcag gatatgatct ccttaaaaag attaaggaat cttcagcatt 420

cagagaagta ccagtagtga ttatgtcatc tgagaacatc ttacctcgta tacaagaatg 480

tccaaa 486

<210> 11251
<211> 469
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-004-Q1-E1-G1

<400> 11251

gtagccgtcc aaaattcaag ggtcgaccca cgcgtccgca aaaactataa gtcccacact 60

caagtcaatt aaagcactcc aatggtccaa caagtttcgt cgtctacctt gaaactcaac 120

ctttggatga ttgatataca aaaatacagg atctaaaaac acctaccgaa cttgaatagt 180

aggtgtgttg tgtttgagtg tctctctagg taaacatggt agcagaagaa gcaagaaaag 240

aagccatggc taaatcagta tctggcggga agattactta ttttgtggtg gcttcatgtg 300

tcatggccgc catgggcggt gtcatcttcg gctacgacat cggggtttca ggtggagtga 360

tgtcaatggg gccatttcta aaaagatttt tcccaaaagt gtataagctc caagaagaag 420

atagaagaaa gaagaggcaa tagcaataan cactactgcc ttttcaata 469

<210> 11252
<211> 420
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-004-Q1-E1-D7

<400> 11252

tgaaacccaa cttaaagcat tactcttgtc ttgtggatct tctttccagg tctggtaatt 60

tggaggaagc tgaaagcaca gtcatgtcta tgccattctc accagacggg gtcatatggg 120

gaacattgtt gagctcatgc atgacccatg gggagtttga gatgggaatt cgaatggcag 180

aacgtgcggt tgctagtgat ccgcagaacg atgggtatta tataatgctt gcgaacatgt 240

acagtgctgc aggtaagtgg gaagaagcgg aaagggcacg agagatgatg agggaaagcg 300

gagttggtaa gagagctggt catagtgtag tctaataatc tttgatacaa tgaatatcct 360

tgtgattcat ctgtttgaaa cacatgttca atggacaatg atgcatagat tanaagatta 420

<210> 11253
<211> 476
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-004-Q1-E1-E1

<400> 11253

ctgttacgcc ttcagtagcc gtccagaatt caagggtcga cccacgcgtc cggtctcctc 60

tgagagtccg tacgcatcga cgattctctc atcttctctc aaacacgacg acactgggtt 120

ggtaaattag agttgaaaga tgtacaacgg aatagggtta cagacagcaa gaggatcagg 180

aactaatggt tatgttcaga cgaataagtt ttttgtgaga cctagaaatg gtggtaagcc 240

tgttaaaggt gggaaaggtt ttgaggatga tgaaggtact gctggtttat ctaagaaacc 300

caataaagct atccttgagc atgaccgtaa acgtcagatt catcttaagc ttgctattct 360

tgaggataag cttgctgatc agggttattc tgatattgag attgctcaga agcttgagga 420

agctagagtg agtcttgaag ctgctgctgc tgctaatgaa gaagagagtg attcna 476

<210> 11254
<211> 429
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-004-Q1-E1-E12

<400> 11254

gaccggatta aacactaaga aagggtttga tgtaaagatc gctgctgcag tagctgaaga 60

aacaaacttg ccattcgtca ccgcagaaaa caagtttgaa gctctggctg cacacgatgc 120

ttgtgttgaa acaagtggat ctcttaacac aatcgccaca tcattgatga agattgccaa 180

tgatatacgt tttcttggaa gtggtccaag atgtggtctt ggtgaacttt ctctgcctga 240

gaatgaacca ggaagcagta ttatgcctgn aaaggtaaat cctacacagt gtgaggcctt 300

gactatggtt tgtgctcaag ttatggggaa accatgtagc cgtgacaatt ggtgggtcga 360

atggtcattt tgaattgaat gtattcaagc cggttatcgc aagcgctctc ttacattcca 420

attanacta 429

<210> 11255
<211> 481
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-004-Q1-E1-E2

<400> 11255

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ntatcctctc tctcaaatcg cggagtctcc gaagtttctc tgtcagacaa aatgcagtcg 120

tcaacgtatg cggttaaagg aaacgctgcg tttgcgtttc agagacggac cttctcttct 180

gacagatcga cgacttctac cggaattcgc ttcgctggtt ataagagctt agccaccacc 240

gggccactct actgttctgg ttctgaagcc atgggagcga cgcttgctcg tgctgataac 300

gggatccaga gcgttatgag tttctcttct gtcaaagctc gatcggtcag agctcaagcc 360

tcatctgatg gagatgaaga agaagctata cctctgagat ctgaagggaa aagctctgga 420

acagttttgc cttttgttgg tgttgcttgt cttggtgcta tactccttgg gtaacatcgc 480

n 481

<210> 11256
<211> 468
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-004-Q1-E1-E3

<400> 11256

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gttgaacaac ttgcaactac ttatgtgact gtccaagagc tattatacgc cctacaattt 120

gttgtttttc aagtcacacc cgctattcaa gaaggtcctt atccaaggag acagtcgatt 180

ctgagtcgga agaagaggtt gttgatctaa atcctcacta ggtggttccg tttaagctta 240

gcaacgccaa agatctagac aataattgca agttaccgcg ttgatcctat cttccgtccc 300

gaagccgtcc ttgatccagc ccangatgtt ttgtggtcag atgacaaagt agatccacgg 360

ggtatatatt atggtaaagt tggcggccga aggattgaag ttcaataatg atatgttttc 420

tggtgggttg catcccatct gaagtggtta tagcccccan aaacaaaa 468

<210> 11257
<211> 466
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-004-Q1-E1-E4

<400> 11257

tacgccgncc gtagccgtcc aaaaattcaa gggtcgaccc acgcgtccgn gtgatcnanc 60

cgccgccgtc ttcaccacca tcttcaatga ctagtcaaga ttccggcgtt tcttccgatg 120

atcagaacca tcactctagg atcgatcaag ttctccggca cgatcaaggt ctttacagca 180

agatcnggtc acacgtggcg agatccgacg gcgttgacgg tggtgagagc tttaagcgtg 240

atatganaga gcttcaggag cttttctcta agcttaatcc tatggctgaa gagtttgttc 300

ctccttctct gaataaacaa ggaggtaacn gtgttaacng tggtttcntc acctctgcct 360

ggttncttct tccgcaacaa atggctttgc tggtacngga aatggcggat acgggtaacg 420

aaaaacggtg gtttccgacg ganaaagatt tttgggcaan gggaaa 466

<210> 11258
<211> 461
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-004-Q1-E1-E6

<400> 11258

aggtcaagaa ctcgcgggtc gacncangcn tccncntcct cnnnnnnnnn nnnnnnnnnn 60

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnntggcaa gagttcaact attgttatgc 120

ttcaccattc tatttgcatc tgtgaccctt cttgacctag tatcagcaca cctgaaattt 180

aagccatctt tgcctcaaat cgaagatcca aagacggtga aggatgtaga gccttacacc 240

gttaaagtag taatggtctt tgtggccgac ctcgagaagg aatgtcccaa gacaaacaag 300

ttcaaggcct tctttgagaa acttagagga ttcgccaagt atgtttgccc aataggaagg 360

attggccaag tagattacga ccgggacatg aaggccaaag ccgggggtat cttcaaggcc 420

atatcttctt ttgcgattgg aaagattang ggaggaaatt c 461

<210> 11259
<211> 421
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-004-Q1-E1-F10

<400> 11259

gntttcagcg tgatgtgcgc tctcgtcctc gtgatactct ctctgacgaa ccgggtgtct 60

ttgtcaacga tccgccaccc acgcagccta cccaagcacc acctccgatg ggtcataaac 120

tccttcttga agacattaat gatcttcttg agatagggaa gcgcatacga cgtcgcttga 180

caggtaagtt gttttcttgc ttcatgtggt gctttgctta ttgtgttctt gccttgtgtt 240

ttctggaatt ttgatgttgt ggctcctgta gttgaggaag aacctaggaa gaggaagagg 300

aagaatttga tcctggctga gttactatag cttggggtcn agtaataang ggangaaatg 360

tgtagtgtag ctttgtnttt gttttgtgtg cactactaaa actctgtgtt gtccctttgt 420

t 421

<210> 11260
<211> 420
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-004-Q1-E1-F11

<400> 11260

gcccacgcgt ccgcaagaag ctcactgtct cgagtcttgt caagtctcag gacgaattcg 60

aaagagaggt gaagaaactt ggaaaactca ggcattcgaa tctggttaaa ctcgaaggat 120

attactggac aacttctctc cagcttctga tctatgagtt tctctctggt gggagtttat 180

acaaacagtt gcacgaagca ccaggaggta atagttcgct ttcttggaat gatcggttca 240

acattatcct tggtacagcg aaatgcttag cttacttgca ccaatcaaac atcatccact 300

acaacatcaa atcgagcaac gtgttgctag acagctctgg tgagcctaaa gtangagact 360

acgggattag cgangctgtt acctatgcta agatagtacg tgctgagtag caagatacan 420

<210> 11261
<211> 413
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-004-Q1-E1-F12

<400> 11261

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acatctgagg ataaaccgga aatcatcagt agagtagttc atcaggaggg tgacgtggaa 120

atcgtcgata gaagtcagaa ggataaggac gaggaaaaag aagangggaa aggtggattc 180

ctcgataagg tgaaagattt cantcatgac attggtgaga aactcnaggg aaccattggc 240

tttgggaagc caactgctgn tgtcnctgcn attcatatcc ctaagatcan tcntgagann 300

ggcagntatt gttgtggntg tgcttgtcaa gancccgaat ccaagttcct atcctctcat 360

ngatgtcaan tacctggtcg acanccatgg ggagggaaac tgggnttcgg ggt 413

<210> 11262
<211> 469
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-004-Q1-E1-F3

<400> 11262

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cgtttttcgg agctggagat tcgacgacga gactccttgc tcttggcgtg gtgtcacgtg 120

cgatgcatct tcccggcacg tgactgttct gtcacttcca agctcgaacc ttaccggcac 180

actaccttca aatttgggtt cactcaattc acttcaaaga cttgatcttt ccaacaattc 240

catcaatggg tctttcccgg tttcgcttct caacgcgacg gagcttcgat ttcttgatct 300

gtccgataat cacatctccg gtgcactacc ggcgagtttt ggcgcgcttt cgaacctcca 360

agtgttgaat ctctccgata attccttcgt cggcgaatta ccgaacacat taggatggaa 420

ccggaactta acggagattt cacttcagaa aaactattta tccgggcgg 469

<210> 11263
<211> 487
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-004-Q1-E1-F4

<400> 11263

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ttgtaagcag agggaaggcg aagaattatg ataacctctc atcaacgata agacaaaatc 120

cataaactag taatatcatc caatcctctc acttcttcct tattccctca ctttcactct 180

cactatctgt tgacttcaca tggcttccac cgccgcaact gcagctcttt cgatcatcaa 240

atccaccggt ggcgccgccg ttacacgctc ctcccgcgcc tcctttggac acattccctc 300

cacatctgtc tccgcacgtc gccttggctt ctccgccgtc gttgactctc gtttctcggt 360

ccacgtggcg tccaaggtcc actccgtgcg cggaaagggc gccaggggag tgattacgat 420

ggcgaagaag agtgttggag atctgaattc tgtagatttg aaggggaaga agtgtttgtt 480

agagctg 487

<210> 11264
<211> 426
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-004-Q1-E1-F8

<400> 11264

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atagctgatt ctgaattctt tggcaagttg gacccttcaa ttcgtgatgc acatgagtca 180

cgggccattt tgaaaagcta tgtggtggct ggatcagaca ctgccaatcc agaaaaattt 240

ctggcgtaca tggttccttc cttggatgag ttgtctaagg atatccatga tgaaaacgaa 300

gaaatctctt acacttgggt tcgcgaatac ctctgggatg tacaacccaa tgcaaacgat 360

cctggcacat acctggtatc atttgacaat gggaccgcta gctatctgcc cctaaccatg 420

angttg 426

<210> 11265
<211> 424
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-004-Q1-E1-D6

<400> 11265

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tatcttccac aactcacgaa aatgtttctc ttaaagacat ggagatcaac cgcttttggg 120

gtttatggct acatgaattt caccaagagt ggtttcttag atcattcaaa gaagtttaaa 180

cctgaagata tgcagttaca aattgaagga aagaattgtg tagttactgg agctaattca 240

ggtattggtt ttgctgctgc agagggtctt gcttcacgtg gagcaactgt ttacatggtg 300

tgccggaaca aggaaagagg acaagaggct ctttctaaga ttcaaacctc aacaggaaac 360

caaaatgtgt acttggaagt atgtgatttg tcttccgtta atgaaatcaa atcatttgct 420

tcga 424

<210> 11266
<211> 427
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-004-Q1-E1-A6

<400> 11266

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aagtgctatg gatctcgcgt cgaatcttgg tgggaagatc gataaatccg atgttctcac 180

cgccgtcgaa aagtatgagc aatatcatgt cttccatgga ggaaacgagg aagagagaaa 240

agccaattat actgacatgg ttaataagta ctatgacctt gctactagct tttatgagta 300

cggatgggga gaatccttcc attttgcaca aagatggaaa ggagaatcgc ttcgagagag 360

tattaagcga cacgagcact ttcttgctct tcagcttggc atcccaacca ggacaaaagg 420

gtactgg 427

<210> 11267
<211> 471
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-004-Q1-E1-B1

<400> 11267

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gatgcatctt cccggcacgt gactgttctg tcacttccaa gctcgaacct taccggcaca 180

ctaccttcaa atttgggttc actcaattca cttcaaagac ttgatctttc caacaattcc 240

atcaatgggt ctttcccggt ttcgcttctc aacgcgacgg agcttcgatt tcttgatctg 300

tccgataatc acatctccgg tgcactaccg gcgagttttg gcgcgctttc gaacctccaa 360

gtgttgaatc tctccgataa ttccttcgtc ggcgaattan cgaacacant angatggaac 420

cggaacttaa cggagatttc acntcagaan aaactattta tccgggnggg a 471

<210> 11268
<211> 422
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-004-Q1-E1-B12

<400> 11268

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cggaccaatt cgacagttat agcattgaag aaaaaaagca aaaggtttca ttcttcaatt 120

ggtggatgtt tagctctttc ttaggcgcgt tgtttgcgac attggggctc gtctacatcc 180

aagagaatct cggatggggt ttaggttatg gcatccctac cgtaggactc ttggtttctc 240

tcgttgtgtt ctatattgga acaccatttt acaggcataa ggttatcaaa acagacaatt 300

tggcgaaaga tttggttcaa gttcctatcg cggcattcaa aaacngaaag cttcagtgtc 360

ctgatgacca cttgggagct ttatgaactt gactctcatt attacanaaa caatgggaaa 420

gc 422

<210> 11269
<211> 472
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-004-Q1-E1-B3

<400> 11269

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ggattggacg gacaatgtct gatcttccac tagaaccatc attgtcaaga acattgatag 120

aagcgaatga aaccggttgc ttatctcaag ctctaacagt tgttgctatg ctgtcagcag 180

agacaactct tcttcctgct aggagtaaac ccagtgaaaa gaagaggaaa catgatgaag 240

attctaatct tcctaatgga tccggatatg gtgatcacat tcaactgcta cagattttcg 300

aatcttggga ccgtactaat tatgatcctg tatggtgcaa agagaacggc atgcaggtgc 360

gagggatggt gtttgtcaaa gatgttagaa gacagttatg tcagattatg cagaaaatat 420

ccaaagatcg attggaagtt ggggcaatgg tangaagagt tcaagccgag ac 472

<210> 11270
<211> 464
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-004-Q1-E1-B4

<400> 11270

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gatgatgatc cgaaacgcag cttcgaagcg aggaatgact ccgatctccg gtcatttcgg 120

tggtttgaga tctatgtctt catggtggaa gagcgttgag cctgctccta aagatccgat 180

cctcggagtt accgaagctt ttctcgctga tcctagtcct gaaaaagtta atgttggtgt 240

gggagcatat cgtgatgata atgggaagcc tgttgtcttg gaatgtgtca gagaagctga 300

gaaaaggctt gctgggagca ctttcatgga gtaccttcct atgggaggaa gtgccaaaat 360

ggtggaccta acattgaagc ttgcctatgg ggacaatagt gaatttatca aagataaaag 420

aattgctgca gttcagactc tgtctggcac tgggagcctg ccgg 464

<210> 11271
<211> 424
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-004-Q1-E1-B6

<400> 11271

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nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 120

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 300

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 360

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 420

nnng 424

<210> 11272
<211> 422
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-004-Q1-E1-B7

<400> 11272

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actagacgag gccaagaagt tggaaccggg actgttctag atctcatact agtcagctca 180

ggtccatccc gaaaccacac ccactgtcca acctgtgttc cacctaacga aggtcacggt 240

gttgtttcct catgccttaa ctgtttccta gccggtggtg tcttgtaccg gtttgagtac 300

tcagtcaacg ctgctcactt cctcgtcaaa gccagaggag gaacttgcac actcgctgtc 360

gctgacccta atgagattgt tgttcaccgg gccaaacacc tccttcaaaa cggatttgga 420

tg 422

<210> 11273
<211> 417
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-004-Q1-E1-B9

<400> 11273

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ggaatcctct gaaacagggg atgagaatgg ctcctctgat tatgactctg aatcttctaa 120

tggttcggat tttagcagtg aaggtgatga aagaacagtg tctaatgacg ccaatgaccc 180

agctgctcct ttaattcaaa tttcagagac ttctgtttcc gctgaccagg aagaactaag 240

gtccagaagg gccctggatt tgtggttaga tgatcagcct agtacatcaa accaaactcc 300

atctgcatta aatagtaatc agagctctta tgcgaagata tccattggtg atgtaggaag 360

ccgagttaag cctaaaagct atagtctcgt agancctgga aatggcaatt ggttgaa 417

<210> 11274
<211> 450
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-004-Q1-E1-C1

<400> 11274

tcgacccacn cgtccggtat gcctggacct gaatacttca gtaacattca ttacggggca 60

ggtgatgatc gtggaacaga aggtgacttt ctaggtagct tttgtctgga aagaaagatt 120

gatctaacag gatacataaa gtggtgggga gccaacaaga accgtcaacc agaatcttca 180

tcaaaagcat cagaggatgc aaacgtcgaa gatgctggta ctgagcttaa aacactggaa 240

cacacatccc atgcaacaga accatacaag gcgccaaacc ttggcgtcct ttgtggaact 300

cagagaaaag aaaaagaaat atcatcacca tcaagctctt ctgctttaag catcttgtct 360

cagtcgcctg ccttcaagag cctagaggag aaagtgttga agattcaaga aagctgcaat 420

aatgaaaacg atgagaatgc anaccgtaac 450

<210> 11275
<211> 400
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-004-Q1-E1-C10

<400> 11275

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cttatgtatc catggttcgc aacaggccat atgaccccgt tccttttttct tgccaacaaa 120

ttggctgaga aaggtcatac ggtcactttt ttgattccca agaaagctct gaaacagttg 180

gaaaatctca atctgtttcc acacaacatt gtctttcgct ctgtcaccgt ccctcatgtg 240

gatggtctcc ccgttggcac agagacagtc tctgagatcc ccgtgacatc agctgatctc 300

ttgatgtctg ctatggatct cacacgtgat caagttgaag gtgtggtccg agccgtggaa 360

ccggacctga tcttctttga ctccgctcat tggattccan 400

<210> 11276
<211> 414
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-004-Q1-E1-C11

<400> 11276

ggagaaatct tttgaactcg aggttaaagc tgcagataat cgcatcattc agcaaacact 60

caatgaaaag acatgtgaat gtgaagtgtt gcaagaagaa gttgcaaatc taaagcagca 120

gctctctgag gccctggaac tagcacaggg aactaagatt aaagagctga aacaagacgc 180

caaggaacta agtgaatcaa aggagcagtt agaactcaga aacaggaaac ttgcagaaga 240

gagttcatat gcaaaaggtc ttgcatcagc agctgcagtt gagctcaagg cattatccga 300

agaagttgca aagcttatga atcagaacga gagactagca gctgagctgg caacacagaa 360

gagcccaatc gcacaacgaa ataaagacag gaacaacaac anatgttagg aaca 414

<210> 11277
<211> 459
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-004-Q1-E1-C3

<400> 11277

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ccgctcggcg acaaagacga agaagccgag gaagcaccga tacgacgatt gagacttagt 120

tttgctcaga ttcatttaac caccggcgcc aagtgacgac gacgacggag ggagcagatt 180

cgaattgtgt gaagacagca atggagtcta ctgagtcata tgcggcaggt tcaccggaag 240

agctggctaa gagatcccct gaaccgcatg attcttccga agctgattct gctgagaagc 300

caacacacat tcggtttctt gtatccaatg cggcagctgg ttccgtcatt gggaaaggtg 360

gctcgaccat cactgaattt caggcaaaag tctggggcaa ggattcagct ttcacgtaat 420

caagagtttt tcccggggac gactgacaga attantatg 459

<210> 11278
<211> 402
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-004-Q1-E1-D10

<400> 11278

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cgtctctgtc atcgagtaca cgatgaaaaa ccacgaggga ggttccaatt cgaggggtcc 120

gaagaattac gctgtgattt ttgatgctgg aagttctgga agccgtgtgc atgtttactg 180

tttcgatcag aatttggatc ttgttccttt ggagaatgag ctcgagctct tcttacagct 240

aaaaccgggt ttaagtgcat atcctaatga tcctcggnaa tcaacaaact ctttaataac 300

tcntctggac aaagnagaag cttcccgttc cccntnagtt tgngtccaaa gactcctgtc 360

aaagttgggg caactgcncg gtttagaacc ttggggncac aa 402

<210> 11279
<211> 412
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-004-Q1-E1-D11

<400> 11279

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gatcctctct ttaacaatct ctctctctct gttttcttcg atccgttgta ggagaaaatg 120

gtcgttatca acagtctccg acgcttggcg cgtaccactc aggttcattt gcacagtaag 180

tatgccactt gcatgtctgg gaactccact tccaggagga ttttcactac tgaggcagca 240

cctgagaaga aaaacactgt tgggtctaaa gggcatgata tgcttgcacc ttttactgct 300

ggatggcana gtgctgattt agatccttgg tcattgcaaa agtctgaggg aagttatgtg 360

tatgatgata ctgggaaaaa atatcttgac tctctcgccg ggttaagggt gt 412

<210> 11280
<211> 425
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-004-Q1-E1-A5

<400> 11280

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ttaagtatat tcttgttgct catcaccaaa gcttgtgatg gaggctctct tcttgagttc 120

ttcttcttcc tccattgtag cgtcaaacaa gcttactagg ttacacaacc attgtgtctg 180

gtctacagtg attagagata agaaaaggtt cggtcccact tggtgccgtg taggtggtgg 240

tggtgatggt gggagaaaca gtaacgcaga gaggcctatt cgggtttctt cgcttttgaa 300

agacagaggt caggtactga ttagggaaca gagttcgccg gctatggatg ctgagacatt 360

ggttctgtct ccaaacggga atgggagaac cattgagatc aatggagtaa agactttgat 420

gccnt 425

<210> 11281
<211> 447
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-002-Q1-E1-F2

<400> 11281

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attttcaaaa tttgaactcc tagaaaaccc tagcctttgc aattgggtgc tacatcttcc 120

aaatcgttcc gggatcgaaa tctctcgaat tggggacgtt gtacattgca cacgatgggc 180

gatttcaacc tcgctctcgt gattgtcgcg atcgttgttt gcgtcatcgt attcatctct 240

agcatctatc ttctcgtcaa ctatcagcat ccagatgatg caaaccaggc ttatttcccc 300

aaattcgtcg ttgtttttgg cctttctatt gctatgatct cgattctcat gttaccggct 360

gatgtggcca atcggcatgc ttgtcgacat gctatataca atggagcttg caatctcaac 420

ttgcccatga angatttttg ggcttgc 447

<210> 11282
<211> 470
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-002-Q1-E1-F5

<400> 11282

ggtactganc tgtgaattcg ncggccaaat tcttaatgga aaaggattct cggactacct 60

tgatgattaa aaacattcca aacaaataca cctcgaagat gttgttagct gcaatcgatg 120

aaaagaacca aggaacttac aactttctct agttgcccat tgatttcaag aacaaatgca 180

atgtgggcta tgcattcatc aacatgctca atccagaact catcattcca ttttatgagg 240

cttttaatgg gaagaagtgg gagaagttca acagtgagaa agtagcttca ttggcatatg 300

ctcggataca aggaaaatct gcccttatag cccattttca gaactcaagc ttgatgaatg 360

aagatatgcg ttgtcgtcca attatcttcg acactcccaa caatccagag tctgttgaac 420

aggttgttga tgaggaatct aagaatatgg acctcctcga ctctcagctc 470

<210> 11283
<211> 426
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-002-Q1-E1-F6

<400> 11283

anttagcttt aaagggcaca cacacacagt cgcgagtttc tctctggtgc gctctttgtg 60

gcggctcgtc ttcttcttct tcttccacgg gactctctct gaatcggtga ttttcgatct 120

tcctagggtt tcgatctgaa accttgcgat ctacttgaaa gagagattca gaaatttcca 180

agtaataata atgtttgcgc ctgcgactca accgcaacag caacatgagc agaagaagca 240

atcagagact gtttcatctg ctgaagaaga tgctttgaag tggaacaccg attgcgttta 300

ctttctcgct tctcctttaa cctgcaagaa gggacctgaa tgcgagtatc gccacagtga 360

gtatgcgcgt atgaacccga nggattgcta ttattggttg aatggaaact gtttgatccc 420

aaatgt 426

<210> 11284
<211> 474
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-002-Q1-E1-F9

<400> 11284

ggtgtctnaa tacacgggtc cgacccacgc gtccaaanat ctctcaataa ccatgtgtgc 60

tccgcagccc tccaacgagt ttccgctgat ttttcgcaag gatggtaaga catgtgtgtt 120

ttgggatgtg gaggattacc caatnncagc tgatctccat cctcgttcga tccggcggag 180

aatcgtaaag gatgtgaaga aatatggttg tgatgcggag gtgtcgattc atgcttatgc 240

taatgataat acggtctcgg taacaatgag gcgtcaattt tcggctgctg gaatcaaatt 300

ggaagtgttc acccaagcag gggataaata tgcgaagaca ttgttccttg tatggtgaca 360

ttatgctgtg gtcactggga aaatcctcca ccatcaaata ttattgtcat cgcaaaaata 420

atcgatgacn actttggctg atcgtattgg atgtttgact accgtctggg ncaa 474

<210> 11285
<211> 447
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-002-Q1-E1-G1

<400> 11285

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tcttccgttt ttttttttta atccaaccac aaggatcgat aacgaaatca tcagatcgcc 120

agannaanag ggnaaaattg cgaaatggag aatctgagct gcagatctgc gtcaatctcc 180

atctagatgt tgttgctact tcttcctcta tagaaccata atttcatcan atctcgctga 240

ttaatcatcc ccatttggat ctgatcgaaa ctcttaggga anaacatggc aggagctgcc 300

tccgcgctgt ttctgcttga tatcaaggga cgcgttctcg tctggcgtga ttatcgtggc 360

gatgtctccg ctgctcaagc cgagcgattc ttcantaanc tcatcgagaa agagggtgat 420

tcacagtcan gatgatcaag ttgctta 447

<210> 11286
<211> 487
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-002-Q1-E1-G10

<400> 11286

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cgtggtgttc ctgcaatggt ggcagcattc acaacacggg agattgttgt atccaagcca 120

agcttttgat ttggtacatt gttcaagatg tagaatcaac tgggactcgt gatgatggga 180

tcctgctcct tgaagttaat aggatgcttc gtgccggagg atattttgtt tgggcagcac 240

aacctgtata taagcatgaa aaggcttgga agaacagtgg gaagagatgc taaacctgac 300

cactangctg tgctgggttc ttgtaaagaa ggaaggatat atagctatct ggcagaagcc 360

tgtaaataac acttgttacc taagtcgtgg tgctggagtc agtcctcctt tgtgcaaatt 420

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ttaagaa 487

<210> 11287
<211> 479
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-002-Q1-E1-G2

<400> 11287

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atggaaatct acaccatgaa aacgaatttt cttgtactgg ctttgtcttt gtgtatcctt 120

ctttcaagct tccatgaggt ttcttgtcag gatgatggta gtggtttgag taatttggat 180

ctaatagaac gtgattatca agatagtgtc aatgctcttc aaggcaagga cgatgaanat 240

cagtctgcaa agatacagag tgaaaaccag aataacacta cagtgactga taagaacact 300

atttctctat ctctatcaga tgaatctgag gttggatctg ttagtgatga aagcgttgga 360

cgttcgagtc tgttggatna aatcaaactt gaattcgaag ctcatcacaa tagtattaac 420

caaactggga tctgatgggt gtcaatggct gaatccangg gatgatgatg aaggaatta 479

<210> 11288
<211> 416
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-002-Q1-E1-G5

<400> 11288

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tgccgaaagc tgaagaaagt gctgacttgc agtgactttg agcatgaaat agcatcaaag 120

cttgttctag aagctctttt cttcaaagca gaagccccac acatacaacg tagcctagcc 180

tccgaagaat ctgcatccct gaaccgccgc ctgatagaga gggcttacaa atacagaccc 240

gtcaaagtgg tcgagtttga gcttcctaga ccgcagtgtg tagtctacct agacttgaaa 300

agagaagaat gtgggggact gttcccgtcg ggtagagtgt attcgcaggc ctttcacttg 360

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<210> 11289
<211> 447
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-002-Q1-E1-G8

<400> 11289

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tcctagctcg gagtaagcta atcgaagaaa acaagcttgt tattgatcga tctttcggtt 120

tttgttttga cgttttgtgt gaacgagtta cttttggata tgagctctgt ctgtggtggg 180

ttggatttca aagatgcaga gagcagctct gcttccagtc ccattatatg ttctactggc 240

gtaaagcata tctcttgtgt tggatctgat gatgctcaag agtctgatgg tgatgatagt 300

ggttatatac accaaactgt gattgaagaa tccaaagaca aggcgatcag cgaacccatc 360

cctgagtctt tacctctcaa ttctttggat gatgaaagtg aagataagaa ccttgctact 420

gcattgcaag acatgttctc cgaaaat 447

<210> 11290
<211> 484
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-002-Q1-E1-G9

<400> 11290

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aatttcgcag actatggtca agtcatcgna gcctctcgtg acggtgcagg tttcggtccc 180

aacgacgctc aactggatct ctccagagga atcccacggt tctatataat gcggatcaga 240

gatacaccct ttgacttttc cgtactcact caccacgcga gcgtgacaca gtgtctagga 300

tcaataggag gtcatgtttg gtaccttgga gtggctaaac cgacacttat tgaagatggt 360

gatgatggaa aagatggtaa gataaattga aatcaaggtc tggtcacttg tacgcctcct 420

cctgcgggtt gaagaagatt cncgtcntca agggtccccg ggaaccaaan tttaattaaa 480

ctga 484

<210> 11291
<211> 462
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-002-Q1-E1-H10

<400> 11291

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tgctcaccgg ttgtttcgtc gccgtcctct gttcacccaa cgaagatgaa cggcggtccc 120

tccggtttcc ataatgctcc ggtaacgaaa gccttcgtta ttacgagcgc tcttttcact 180

gtcttcttcg ggatccaagg tcgttcttct aagctcggtt tgtcttacca ggacattttt 240

gagaaatttc ggatatggaa gttaatcatg tccacttttg ccttctcctc cacaccagaa 300

attgatgttc ggattgtatt tgctatacta cttccgagtt tttgagagac agattggctc 360

aaataagtac tcggttttta acctggtccc aagggaatgg tatccnccaa taacccaagg 420

ncaatttggt aacacggctt aaagattcca cagcaaaacn tt 462

<210> 11292
<211> 438
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-002-Q1-E1-H11

<400> 11292

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caaaatttct ctactcctat aaaaatgggt cgccttgttt ttgatcaacg gatttgattc 120

atctttcttt ttacctgtgg aggtctttgt cctggcctta ataccgtgat tagagaaata 180

gtgagcagtc tatcttatat gtatggagtg aagagaatac tgggaataga tggtggatat 240

agaggctttt atgctaagaa tactgtctcc ttggactcta aagttgtaaa tgatatccat 300

aagcgtggag ggactatcct tgggacctca cgaggtggtc acgataccac aaagatagtt 360

gacagcattc aagatcgagg aatcaatcag gtttacatta tangaggaga tggaacacaa 420

cgaagagcaa ctgtcata 438

<210> 11293
<211> 478
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-002-Q1-E1-H12

<400> 11293

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aactggattn gtngcaacct naaaaacggc caantncaat ngtngtggcg gatgaaatga 120

gggatgctan ctgggttgan gaattttctg aatgcctgtc tctggccacg gtcagatcag 180

caggctcgtt ctgcctcaga ttctggtggc cgccaagagg gtttgctctg gttcagagac 240

tccggccagc acgtctttgg tgacttctcc atggccgtcg ttcaagccaa cagcttgcta 300

gaggaccaga gccagctcga gtctggctct cttaactcca cgactctggg tccctttggc 360

acctttgttg gcgtctacga cgggcacggg tgggcctgan acatctcgcn tcatcaaatg 420

atnatatgtt ccaacaacct caagaaggtt tactggcaaa agcaacaatg tntgtcca 478

<210> 11294
<211> 478
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-002-Q1-E1-E9

<400> 11294

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cgtttggtca ccggtgaccc aaacgacgaa gcatgcttga cgaatctccg tcagagttta 120

gaagatccag ctaataatct ccgtaactgg acaaaatcct tcttcataaa tccttgctcc 180

ggcttctctt cttatcttca tggagtcatt tgcaacaatg gcagaattta caaactctcc 240

ttaacaaann nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 300

nnnnnnnnnn nnnnnnnntc caaccagatc tccggcgaga tcccgccgca attacagttt 360

ttcgttaacc tagccgttct taatctctct tctaatcgtc tctccggtca aatctcacca 420

caaatcgctc tctgcgctta cttaaacgtc atcgattttc acgataaaca antctccg 478

<210> 11295
<211> 480
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-002-Q1-E1-D12

<400> 11295

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tctccagttt gtggacatng gcnatttccc ggtnganggg gtcancaccg atttccngcn 120

aaaagcatca caatcaatca cttgcttttc tcaccaaaac ggcaatctcc ccaaagcagg 180

gcatgcattg gttataactc acaatggagc aagcggagac tatccaggct gcactgatct 240

ggcttaccag aaagcaatcg acgatggagc agacataatt gactgctctg ttcagatgtc 300

caaagacgga atcgctttct gccatgatgc tgcagacctc tcagcaagta ccaccgccag 360

gactactttc atgtcccgag ccaccagcgt tcctgagatt cagcctacca acggnatcnt 420

ctcttttgat cttacatggg ccgagattca atctgtgaaa ccacaaattt gnaaaacccc 480

<210> 11296
<211> 447
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-002-Q1-E1-D2

<400> 11296

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tgtagtggta agtcaatagc tgcagtaact ttagctgaaa cattgaaaga gtctgaaacg 120

aaacagagtg ttaggatcat cgatgaggct tcgtttcatc tagaccgcaa ccaaaactat 180

gctaacatgc ctgctgagaa gaatctgaga ggaaagctta ggtcagatgt tgatagatca 240

gtttcgacag gcgagattgt tattgtagat tccttgaata gtatcaaagg ttacagatat 300

gagctatggt gtatcgctcg tgctgctggg attaggtatt gtgttgttta ttgtgatgta 360

natgaagctc attgtangca atgggaatna aggaacggat gatagangtg aagatggata 420

tgacgatggg atattccgaa gatctgg 447

<210> 11297
<211> 462
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-002-Q1-E1-D3

<400> 11297

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attcctgaac acgccactag cttcgcgttg aagcctacca agggtcctgg agttgaggaa 120

tctgaaccct acaggctttt tantctagat gtgtttgaat acgatcatga atcaccgttt 180

gggctttacg ggtcgattcc gttcatggtt tcgcatggga agtctggtaa aacttcagga 240

tttttctggt tgaatgctgc ggaaatgcag attgatgtgt tggctaatgg ttgggatgca 300

gagagtggta tttctttgcc ttctagtcac agtangatcg acacattctg gatgagcgag 360

gcanggattg tggatacatt ctttttcgtt gggcctganc caaaggatgt tgtaaagcag 420

tatgcaagtg tgacangtac ttcagccatg cctcaatttg tt 462

<210> 11298
<211> 417
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-002-Q1-E1-D7

<400> 11298

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ggacatccca ttagagaggt atatttggga agtaacactt tatgagttta tacgaatatt 120

gtagaagaaa tctgagaatg cattcgctag atcatttgga ttttcatctt tacatcaacg 180

atccggggag gctatgcttt aaagatttgc ttgttgcgtc aggctattgt tcaaccacgt 240

ccgttaaagt ctttgttcaa tgtggtgtat ctttctatag gtctgcagaa aaattgacgg 300

tgctggtagt aatgctanca tcctanatng catatatgca aggataaagt gtgtactaca 360

actatactgg aaatgttgac tgcttcaaat ttgatgaata accccaatgg tttggtn 417

<210> 11299
<211> 442
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-002-Q1-E1-D8

<400> 11299

ggncgaccca cgcgtccaat tttcttcgca caagaatcct gtttcacgac ctcaagtttc 60

tgcgcctcca ggattttctg ctcccaacag gctacctcct cctggcttct cgtcacatga 120

aagagtgggc ctatcatcag atactacact aggaaatcga tttcttgact ctacttcatt 180

gaggaatgca tatcaagtac cacctccagt tggtaattca aatggtgcaa gtgatatcga 240

ctttgtggat cctgcaattc tagctgttgg aagagggatg gtaaatgctg acttggacat 300

gagatcagga ttctcatcac aactgaattc ttttgaaaac gaaacaggac tccatatgtt 360

gagacagcag tctctgtctt ctgcacaaca agttaatggg tttcatcatg atctcagaaa 420

cttatctcct tcacttaacg ac 442

<210> 11300
<211> 476
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-002-Q1-E1-D9

<400> 11300

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atctttcgcc gtcgtctctt tagcttcttg cgaagatggt tcttcaaaac gatatcgatc 120

tgcttaaccc acctgctgag cttgagaaga ggangcacaa gctcaagcgt cttgtccagt 180

ctcccaattc cttcttcatg gtaatcaaaa ttttaaagct ttctccttct cttgaaccct 240

ttagcaaata agtctctgtg attagaactg tatgttaatt tggagtttaa tgattttctc 300

ataatcccta gctttgacag tgtgttatgt gatggcgatt tttggatgta agtttgagaa 360

tctatgtaac tagtttcgag tttgtgaatt gtatgtatgt tttgagtttg tgaatttgat 420

ttgtatctga ttctcattta ctcctttaag gaccctgatg gtgttccttt cctgga 476

<210> 11301
<211> 454
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-002-Q1-E1-E1

<400> 11301

atcccgggnc gacccacgcg tccnaagnga tactgtgaga gaatctctgt gtggttctga 60

attcttaggc tggaattgaa ttctgaaatg gcggaggagt acaaggaagc gttgttggag 120

aagcagaact atcacgacgg atgtcccggc tgtaaggtgg agcagatgaa gcagctccgg 180

cgaggatatc cttacctcga gctttccttc gtttggatta tcgtcctctc cacttctcta 240

ccaatttcct cactctatcc cttcctctac tatatgattg aggattttgg tgtcgcaaag 300

acggagaaag atattgggtt ttatgctggt tttgttggtt gctcttttaa gcttggaaga 360

gcactgactt ctgtgttctg gggaatgtgg ctgatcgtta tgggaagaaa accattatac 420

tcctgggaac tatcctcaan tgcaattttc aacg 454

<210> 11302
<211> 473
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-002-Q1-E1-E10

<400> 11302

gccacggtca tacaacccgg gtcnacccac gcgtccnaac angcgtccgg cgacagagaa 60

gaagctgcga actttaaatg tcacaggctg taattttcaa gccgtttgtt tcagttccat 120

caagtaatca cagccagagg aaactacaga acaatattat caatgttggt gttaaaatcc 180

aaaaccgatt cagagttgtt tgtatgggaa tgttggctcc aaggaaattc ctgcaaaaga 240

ggaggaaaat ggaggttttc aaggatgcag ctgacgagac ggatcagaag agatggagag 300

ggcttatgct agagattgaa tcgacgggtt ctgctgttcc ggtgcttagg caatacaaaa 360

ctgacggtga ccaaggtctt ccaagggatc ttgttttggg tactttgggt tagatttaag 420

cagcttaaga aatggaacct tgtcaatgag attcctgaat ggcttaaata ncc 473

<210> 11303
<211> 448
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-002-Q1-E1-E2

<400> 11303

ggggncccca aggcttcgaa aaaaanccct acttcaaccc ngcgattcat tcatcattca 60

cagagtttga agaaaacgcc gaaatcggaa atggcgtcta ttgttcttcg atctcgcctg 120

ttgccaagat tagcaaagct cagatctcgt aatctgagat gtttctctgc ggaagcatct 180

tcgacgaatt ctacatctag gtattcggga gtcacctcta cccagtcgat gttttctgat 240

tttccaccgc caaatcagcc gccacctcct cctcctcctc aagtggaagc tgctgccgcg 300

gctgcgacgg gaaaggagag gaaaggtctt aagtatcttg ggtacgcact cctctgggca 360

ctcactgggt gctaacgctg ctactggtta cgcaaagttt tgcntacacg atagatgaaa 420

ntgaatgaaa agactaaagg ngtttcga 448

<210> 11304
<211> 384
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-002-Q1-E1-E4

<400> 11304

gtgcccccat catactactc aggctctttg ttttgctgcg acctacttat ggcctctata 60

agggaacttt atgagaaggt ttgtgctttg acaggggtac cacaagaaaa ggctcatatc 120

tgggattact tcgataagag gaaaaacgga ctcttggatt ctttatctta caagagcctg 180

gaagagtcaa gccttcatat ggaccaagat attctacttg aagttgatgg gtcgtcttcc 240

tctcagtctg ctatgagctc gacaggaaat gagttagctc tggtacctct ggaaccttcc 300

aggtcgagtg ttacaattgc tgggggggcct accctatcaa atgttcnatt cnactacttc 360

aaantttaat ccctttccga naat 384

<210> 11305
<211> 458

<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-002-Q1-E1-E5

<400> 11305

gtgaattcgg gggtcgaccc acgcgnccan tnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 60

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnt tatccttatc cgataaaccc 120

acaaataaag acagactctt ttgttcttta aacagagatt gtaaatccag agccgccgga 180

aaatacaacc gccggtttac tctcaggatt agttgatatt attcgatttt aaaaatcagt 240

aggaagaaga tgaagtacgt gcttgtaaca ggaggtgttg tgagtggatt agggaaagga 300

gtaacagcaa gtagtattgg tgttctcctt aaagcttgtg gtcttcgagt tacttctatc 360

aaaatcgatc cttatctgaa cactgatgct ggaactatgt ctccatttga acacggtgaa 420

gtttttgtcc tgggacgatg gtggtgaagt ggatcttg 458

<210> 11306
<211> 429
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-002-Q1-E1-E6

<400> 11306

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atgtcaaaaa gctcatcgat cctattgaaa accggttcaa agatggagaa gagcgagttc 120

aagcatcaaa agatcttctg aaaactattg cagataaccg aatggctgca gagtctcttc 180

ctcctccaag aaagaatgcg gttctcgatg aatgccataa agctgagagg tggctccacg 240

agaaaaccac agaacaggaa tctttaccca aagacgctaa tccagagctg caatctgctg 300

aaatcaggag aaaagctgat gctctaaacg cgacatgcaa gtacattggg aaatcaaact 360

ctccccccgc gaaaccggaa cataacggat catacggaag tagaaaatca gatgatatgg 420

aacttgatt 429

<210> 11307
<211> 417

<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-002-Q1-E1-E7

<400> 11307

cggtctccct ctcttaaact ctctctttct ctttctcttt tggtttctgg gttatttcaa 60

agaaaagaat caagaaaccc ctctttctct cttacaagaa tcccatcatg gtgtttggaa 120

aagggtcaaa ccttgacaga ttccttcatt gcacaacacc tgtagtgcca ccccaatctc 180

tatccaaggc ggagattagg agtttgaata ggatttggca tccatgggag agacaaaagg 240

ttgagttttt cagattgagt gatctatggg attgttatga tgaatggagt gcttatggag 300

ctggtgttcc aattcgtctc tctaatggag aatctcttgt tcaatattat gttccctatc 360

tctctgctat tcaagatttt cacctctcgt tcttccttga tccgctaagg gatgatt 417

<210> 11308
<211> 467
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-002-Q1-E1-E8

<400> 11308

ggtaccganc tggaattcgn gggccgaccc acgcgtccaa aaaaaagtat aaacaaaatt 60

caaaactatt cagtattgat atttgtttac attgaaaaaa aaattaactt aaaaaatata 120

gtttacacaa aaaaagaaaa accaaannnn aaattgttag agatttttc agagtagtga 180

gaggaaaatg gcgcagatgc agcgagaaga agtagagtcc gtcacgacgg agaagaaaag 240

attagacgga ggcggtggat cttccggcgc tcaggcaacg gcgttcaaat tcaacgctca 300

agcgccggaa tttgtaccgc gatcacatac caccgcacca gcaccgcagg tttctcctgt 360

ctccggttac ttttatcctt gttttcatta caacggtggt tgcataggan gatgtggcgg 420

cggagtctgc ggtggtggan ggaccggcgt tggtactcag tctcgga 467

<210> 11309
<211> 470
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-002-Q1-E1-D10

<400> 11309

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gttatcgagg gaacaggagt gtttgttgat gggccaggag cagggaagca tatccaagcc 120

ggagcctcga aagttatcat cactgcacca gccaaaggtg ctgatatccc tacctatgtt 180

atgggagtca atgagcaaga ctatggtcac gatgtcgcta acattattag caatgcatct 240

tgcaccacca actgtttggc acctttttgct aaagtcttgg atgaagaatt tggaattgtc 300

aaggggacaa tgacaaccac acactcctac accggagacc aaaggcttct agatgcatca 360

cacagggacc taaggcgtgc aagagccgca gcactgaaca tagtgcctac caacacanga 420

gcaaccaagg cggtgtcatt aatgttgccg caactnaaag ggttaacctt 470

<210> 11310
<211> 465
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-002-Q1-E1-A9

<400> 11310

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aagctgggtg ggaacgtggg atctctgtgc aaagctacaa tggagatcta ttgtatgaac 120

cgtgggagat atactgcgaa aagggcaaac cttttacgag tttcaattct tactggaaga 180

aatgcttaga tatgtcgatt gaatccgtta tgcttcctcc tccttggcgg ttgatgccaa 240

taactgcagc ggctgaagcg atttgggcgt gttcgattga agaactaggg ctggagaatg 300

aggccgagaa accgagcaat gcgttgttta actagagctt ggtctccagg atggagcaat 360

gctgataagt tactaaatga gttcatcgag aagcagtttg atagattatg caaaagaaca 420

gcaagaaaag ttgttnggaa atccaacttc actacnttcc cccgt 465

<210> 11311
<211> 424
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-002-Q1-E1-B1

<400> 11311

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caccggttct tcctccgccg cagcagttta aatcggtggc ttcttctgac caggacggct 120

cagttttggg gttctttaaa aacgccgtca caaaggttca aaatgcacat tcaagtgtgg 180

atgatcattt ggtgaggtgg tttgggttaa accaatctaa gtatcagtgg gctttggatg 240

agtactacga aagcaaagaa tcagatatga agaccgtgaa agcaaaggag atgccgggga 300

aagtacagag tgtataagca accatgtata aactcatttc ccctttggcc aattctaaaa 360

tctgtttttc tgagagagtt caaaaaagct tgagtcctga ggaaagttct cttcaaatga 420

tatt 424

<210> 11312
<211> 396
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-002-Q1-E1-B10

<400> 11312

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ggctcctttc gaggggaaac ctganaagaa cgggaagctg gagcaaggaa aaggagatga 120

tgcccccatc aattttggtt cagtcggtga gctaccanag aatgccgaag agaataataa 180

caaantggtc aactctgatg cacccaaaaa tgcagcagaa gagtggcctg tggctaanca 240

gatccactct ttctaccttg ttaaataccg ttcttacgct gaccccaaaa ttaaagctaa 300

gcttgatcta gctgataaag agcttgaaaa gttgaacaaa gctcggactg gagttttgga 360

caagttgaga actaanaagg ccgagagatn agagtt 396

<210> 11313
<211> 434
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-002-Q1-E1-B11

<400> 11313

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caagaagctc ttcttccatc acttgtggtc ttcttcttag tacctccgtc gctgtcactg 120

gctctttcgt ttatggctgc gctatgtcat attcatcgcc tgctcagtcc aaaatcatgg 180

aagaactggg actttccgtt gcagattatt cgtttttcac atcggtaatg acattgggag 240

gaatgattac ggccgcgttt agtggaaaaa ttgctgcagt tattggtcgt cgacagacaa 300

tgtggatcgc ggatgttttc tgcatctttg gttggctcgc tgtagccttt gcacatgata 360

aaatgctgtt aaatattggt cgaggcttct tggggtttgg ggttggtctc aataattaag 420

tgggtcctgt anat 434

<210> 11314
<211> 444
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-002-Q1-E1-B12

<400> 11314

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ggaatccatc gtataaaaag ggttcatcct ctgattcact ctctcacatt tcatcgattc 120

tcctcatctt ctcttccatt caaatctcac attccctctt cacaacaaca gcttcgtatt 180

cgctcatctt cttcgctttc tgatcttgga aatcgcaggc attgttcgtc tactcgagga 240

tttcaatttt ggtcatnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 300

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnaccggcgg ttcgtatttc cgacgggaat 360

ctaatcatca aaaaccggac gattctaacc ggtgtaccaa gataatgtca tcacgangtn 420

agcatccgga actggggccg ggta 444

<210> 11315
<211> 469
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-002-Q1-E1-B4

<400> 11315

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accaatttta caaaattgcc atcctcccaa tggggtgatc agttcctcaa gttttccatt 120

gctgattcgg attttgatgt ccttgaaaga gagattgaag tactaaagcc taaagtaaga 180

gagaacatat tcgtgtcgtc ttccacagac aaagacgcga tgaaaaagac aattctttct 240

attcattttc tggacagtct tggtctctct tatcattttg agaaggaaat cgaagagagc 300

ctaaaacatg ctttcgagaa gatagaagat ttgatcgctg atgaaaataa attgcacaca 360

atctccacca tcttccgagt tttcaaggac atacggttac tacatgtcct ccggatgttt 420

tcaaagatat tcaaaggaga cgatgggtaa attcaaggga agttaatag 469

<210> 11316
<211> 463
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-002-Q1-E1-B8

<400> 11316

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ctctctctca gtctctcatc accgacgaag atcacggctc ttttctctgt ttaatcggcg 120

gaatctctct tcntatttta ttttttcttng ggtagatcga tccagctccg ngatcantca 180

tgantcctga atatgactan ttgttcaagc ttttgctcat tggtgattct ggtgttggaa 240

agtcgtgctt gcttctaagg tttgctgatg attcctannt ggatagctac atcagnacca 300

ttggtgtcga ctttaanatc cgaanagtcg accatnatgg naagacnanc aanctccaga 360

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tcatggatta ttggngncta tgatgtatag attctagaaa gct 463

<210> 11317
<211> 478
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-002-Q1-E1-C10

<400> 11317

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gtacttcatc ttatgattgc ttcttcaaac actggttctg ttatttattt cgtggctgcg 120

gttatagcga cttgcacaag gtggcatcat tggtccaacg cattaggttt tctactcatg 180

gcctttccca aaattctgtt tctggcaact tttctcctgc ttctctcttt ctggtatgta 240

tattctcaat actctgatca tattgtgttg tccctgatta ttttatctta ataatgatct 300

gagataagac annnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 360

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nagcatccaa caagtgttgc ttgaaaaaag 420

caagagcaag ccaagttctt cgaatgcaag tgatcnttaa aagtgtttgc cccttcca 478

<210> 11318
<211> 477
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-002-Q1-E1-C12

<400> 11318

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ttctgattcc gagtctctag ttccaaagag aagagaacat ctgtgagaga tctgagacgt 120

ctggaaatgt gaagaaaaca aaaaaaaaaa agatctgaga gagagagttt cgaaattctc 180

gtgttcgtaa gcaaaaatgg tttgggagaa agagaagatc gtcggaagtt gtatagtcgg 240

aggagctgcg ttcgccgtcg gagcttcttt ccttcatctt ttccttaaag gtgagcttcc 300

gttaggatta ggtttaggtt tgtcttgtcc atggcgcatt ttgagaaaac gaaaacctgt 360

tcgcgtttac atggatggtt gcttcgatat gatgcactat ggccactgca acgctcttcg 420

tcaagctcgt gctctcggtg accaattggt cntccgtgtt gtttccgacg aagaaan 477

<210> 11319
<211> 443
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-002-Q1-E1-C3

<400> 11319

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ttggaacgcc gggggaagct agtcgtcccg atgcgattag agcagctttc gcggagtttt 120

tctcgatggt tatattcgtt ttcgcgggtc aaggctctgg aatggcttat ggaaaactaa 180

ctggagatgg tccagccaca cctgccggtc ttgtggccgc gtctttgtct catgcgtttg 240

cgttgttcgt tgcggtttcc gttggagcta acgtttcagg tggtcatgtg aacccggcgg 300

ttacatttgg ggcttttatt ggtggaaaca taacgttgtt gagagctatt ctttattgga 360

tcgctcaatt actcggagca gtcgtagctt gcttgttgct caaggtaanc actgggcggg 420

atggnaacgg gtgcgttttc gct 443

<210> 11320
<211> 458
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-002-Q1-E1-C7

<400> 11320

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caccaacaat gtcaaatgct caggctgtgg aacggagatg gtctatgact caggttctcg 120

tttgatcaca ttaccagaag gagggaaagc ttaaatctaa gagccaaggg ttatgtanaa 180

gtgtatgtaa aattaatact aacaaatgaa gaaggtggag aaattgaaga agaaggagaa 240

aaaccaaagt ttgtatgctg ttttgtataa tcttcagatc ttttcatgta gctctcattg 300

gcttgtgttg tgtttgtaag taagtgtgag gcacattcaa agaaaaacat catatgatta 360

cttctttgag aaactttgct ctcattagga aagtaaaata attcaagaan taagcacaan 420

cttgtgtagt tttgaaataa tacntgtatt ttttttgt 458

<210> 11321
<211> 475
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-002-Q1-E1-C8

<400> 11321

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gggtcaatga taatagtgga cgacgagtcg gtgtcttagg gtttactttt tgtaaagaaa 120

attttcttgt tgaattattg gctttttgtg aattcgattt tctcttattt atataaaaca 180

ttattgaatt tcaacgctat tttgaaaatt ttatttttaa tattcatgtt gtattagaat 240

ctggaatgtc agaagaacgt gtgcaggaac aagaacttgg ggttggtgta atagtttaaa 300

taaattctta caaagaataa aaaaaaaatc aggttctctg caccaaattt ttaaaatcat 360

tatttaacat attttgctaa attctctaaa aacaaatttg ataatgatga aaattttgat 420

taagttctgt gttgtgtttg gtgattgctt gaattaagtc tgattgaatt ttaag 475

<210> 11322
<211> 483
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-002-Q1-E1-C9

<400> 11322

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acgcgtgggg actagttcta gatcgcgagc ggccgcccnn nnnnnnnnnn nnnnnnnnnn 120

ngaacaccaa taaggcaaga actagcgaat ctatcagatc caaccagagt tcctgtccta 180

aaacacattg ttcatcatta caaatacgag ccaaaagaac agagagttta atactcaaaa 240

agactgaaac caaccaggga ctctattaca gacacatgaa cctcttcata tttcatccat 300

tactatccaa atttttagt acatgaaaac atagagatga ttacaccaac aaactctaga 360

gaacctgtcc gagatttcta caattccaat ctaataatga ttcccgacaa aaggaatcga 420

acacaaatca gttctgtcta taggcaatgt tattagccaa agccaacaaa ggngcaacct 480

ttc 483

<210> 11323
<211> 456
<212> DNA
<213> Arabidopsis thaliana

<223> . unsure at all n locations

<223> Clone ID: LIB24-002-Q1-E1-D1

<400> 11323

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tcttgtggcc ttcacgcttc aggaacaaag accagtatct ctctgaaaga ctacttctcg 120

gaaattttcg tctccatggc acccgtgagg gggattcttg gcttgcaaag ggcagtgtcc 180

atttggaagg aaagtaacag actgactcca gctttgagat cattcagcac tcaagctgca 240

tccacttcca ccactccaca gcctcctcca nctcctccgc ctccgttagc cangtgagaa 300

tccttaagcg cggcgaagaa atccccaagg agacttcana tctgggtgtg gaaangtcat 360

atntgggata tacncctcng atttttgnan atttnggntt ttcccgggca aattcgttta 420

tcagggcgca aatcnaaatc aacaacgttt ttttcc 456

<210> 11324
<211> 428
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-002-Q1-E1-A7

<400> 11324

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ggagttcgag tttagagagg acggtaagct ccgttacgcc aataactcta actacaagaa 120

cgatactatt atccgcaagg aggtatttct caccccccgcc gtgctcaagg aatgcaagcg 180

tatcgtctcc gagagcgaga ttctgaaaga agacgataac aattggccgg aacctgaccg 240

tgttggaaag caagagctcg agatcgtctt gggtaatgag catatctcat tcgctacatc 300

taagattgga tctcttgttg attgccagag cagtaatgat cctgaaggac ttcgcatctt 360

ctactatctt gttcaggact tgaaatgtcn tgtttttcgc tcatctctct gcacttcaaa 420

atcaancc 428

<210> 11325
<211> 462
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-001-Q1-E1-B2

<400> 11325

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tccttctcct ctgtcttctt gcntccttag tctagtccga ttacgcttct tgttccagan 120

acgaanatgn gaacagaccg aatctttcaa cttcccggtg nnncaaanna tgtctccttc 180

tctcacttct ctggttanat tacggtcaac gagtcagcag gaagagcact attctactgg 240

gtcactgagt caccaccgag tgaaaaccct gagtctaaag cctcttgtcc tctggctcaa 300

cggtggacct gggttgttcc tccgtngctt acggtgccgc tgaagaaatc ggacctttтn 360

gaatcagntc ctgatgggga aaactcttta acaanaancn ttactcttgg gacaaattgg 420

ngaatttgct cttccntgaa tctnctgctg gtgttgggtt tc 462

<210> 11326
<211> 462
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-001-Q1-E1-B3

<400> 11326

acggggccgc cacgcgtccg cantgaagaa ggagcgaatt gctcttcggc agtggaaaga 60

agcgtaagcc ctctcacaaa ttgcagcaca ttgtcttcta atccttcttc tgttgaagct 120

gagtccaaca ncgattacat tgtcccaaag aagccatctt caaagaacga ngacaacaat 180

tctccttcag tcgatgaaag tgctgcgaaa aggatgaaga ggacaaccga ctcagacatt 240

gtncagattg agaaggacgt tgagcanatt gtgttgttgg atgatgaana acangaagct 300

gttctggata agacggaatc tgaaactcca gtcgtggtta ctacgaaaag tcctgttggt 360

aatcgaaaca gttcanatgc gagtttgcca attactccct tcaggtcaga tgaaatcaag 420

aancgtcaag ctagaatcga antatcgatg aaagacaact gg 462

<210> 11327
<211> 492
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-001-Q1-E1-B4

<400> 11327

aactgtccat cctgnacgca ccggtccgnc nattcccggg nccacccacg cgtccgcacg 60

tctctctcta tctccttaga ttttcaaagt tttcaacatt caacaaaatc attattttaa 120

ttttgcagag acgaatcgaa tcgatctcat ctccaaaaat cttgtattca aagtttgatt 180

ttctgggttt cttctgtatt atctcgatat ttgaaaaaaa tggcgaagga aattgaatca 240

gcgacagatt taggtgatac taacatcaaa ggagttcttg ttcatggagg aagatatttt 300

caatacaatg tttatggaaa cttgtttgaa gtttctaata agtatgttcc tcctattcga 360

cctattggta gaggagctta cggttttgtc tgtgctgcag tagattcgga gacacacgaa 420

gagattgcga taaagaagat aggtaaagcc tttgataata aagtagatgc aaagagaaca 480

ttgagagaga tt 492

<210> 11328
<211> 485
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-001-Q1-E1-B5

<400> 11328

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atccgagtcc cggtggctct tacgtgattt ttaataacta tgactggtgg aaagatatga 180

caatgctcga ctttctgaac aaagtcggta ggtttgctag ggttggtact atgatggcaa 240

aggagagtgt gaagaanaga ttataatcag agcaaggtat gagctacacc gagttcactt 300

atcagttgtt gcaagcctat gattttcttc acctgttcaa gaacgaangg atcaatgttc 360

agataggtgg cagtgatnaa tgggggaata taacagctgg aactgatttg atcaggaaga 420

ttctccaanc anaagaagcg gcttacgggc taacatttcc tcncctactg aaaaacgatg 480

gnacg 485

<210> 11329
<211> 481

<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-001-Q1-E1-B7

<400> 11329

ntgccgctcg taccggaaca caatcccggg tccacccacg cgtcaggaag caaataaatt 60

atcgaagccc actggtttcg gagctgatcg gtctctattt ctctcttcat acatatctca 120

agcagataaa gttgatcgga tactagaatg ggaggaggat ttagagtttt gcatttggtg 180

aggccattct tggcttttct gcctgaggtt cagagtgctg ataggaaggt tccattcaga 240

gagaaggtta tctacactgt catctctctc ttcatctttc ttgtctgcag tcagcttcct 300

ctttatggaa tccattccac caccggtgcg gatccattct attggatgcg tgtcattctt 360

gcgtccaacc gtggaactgt catggagctc ggtattactc ctattgttac atctggactt 420

gtgatgcaac tcttggctgg ttccaagatt attgaggttg acaacaatgt tcgtgaggat 480

c 481

<210> 11330
<211> 460
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-001-Q1-E1-B8

<400> 11330

cccgggncca cccacgcgtc ngcacattat gactaccgaa gagaaagaga tcctcgccgc 60

caaattggaa gaacagaaga tcgatctcga taagcccgaa gttgaggacg atgatgataa 120

cgaagacgat gactctgatg acgatgataa ggatgatgac gaggctgatg gactagatgg 180

agaggcagga ggtaagtcaa aacaaagcag aagtgagaag aagagtcgca aagccatgct 240

caagcttggc atgaaaccca tcactggtgt tagccgagtc accgtcaaaa agagcaagaa 300

tatcttgttt gtcatatcaa agcctgatgt gttcaagagt ccagcatcag acacatatgt 360

gatctttgga gaggcgaaga tcgaggattt gagctctcag attcagtcgc aagcagcaag 420

agcaattcaa ggcaccaaga tctcagcaat gtgatttcaa 460

<210> 11331
<211> 477
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-001-Q1-E1-B9

<400> 11331

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gcaaaaagat gaatttcatt ggtgattctg tagccagaaa ccacatggag tctcttctct 120

gcctcctgtc aatggaagaa actccgaaag atatctacct catggcaaag tttctagtgg 180

ccggactcga aaggactcat gctaagaaga ccggaacagg aatctatgat ctcgacattg 240

acaagcgagc aatgggcaat tgatctgcta aatacagaca ttgccattgc cattggaaat 300

cttaacatct cagatagaac agcttgaaga tatttaaacg tgacagctta aaaaagaaga 360

agtttgaggt tttggatgtg actanggtta tgctaatgag accaagacgg gcacccgaat 420

tcttactggg gaaataaatg gatgaagggt ttcaatgact gtactcactg ggtgcnt 477

<210> 11332
<211> 478
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-001-Q1-E1-C1

<400> 11332

ncgccacggt ccacaaaccc gggnccaccc acgcgtccgg agttttcttc ttccttcttc 60

ttcatcctct ttgctgctat gattgagctc catggatctg caatcatagt tcttcgattt 120

aggattcgtt tagatcgcgg tttttgagct cggttggtga agacatatgc ttgaaaacag 180

aagtcttgta ctgaagcatg gctcttcggc taccagcttc taaagcagct gaagttgcga 240

ttggatctat tggctgtggt tatgatctag ctattgattt acggttgaag tattgcaaag 300

gaggttccaa agattctaag attacttgac attaaagaag gtgatgataa ttgtgaaaat 360

gttttaactg gtggaatctc cantcctaat gtttccaaag tctatcaaat gcgataaaag 420

ggaacntatg ccgtttaagt ccgataatcc tcccttccaa aaaatgggaa aacaattc 478

<210> 11333
<211> 158
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-001-Q1-E1-C11

<400> 11333

ttgtcttgcc gnacgtaccg gacctccatt cccggggcca cccacgcgtc cgcaaaagtc 60

catgagataa tactaaggag tttctggcat tgtgtaatat ataattgact gattttgatg 120

atcaggttcn nnnnnnnnnn nnnnnnnnnn nnngggcg 158

<210> 11334
<211> 452
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-001-Q1-E1-C2

<400> 11334

nccacgcgtc cgaaagaaac aaacccactc cattaaaaac caaagcttta agcttagatt 60

caatcccaag tcagtaaaaa tagggttaat cgaagaaccc caccggaatt ccactgagga 120

attgcatcag tcgcgttctt gttgcggctt gaggaagaaa aagaacacct acactaacca 180

aaacaagaac aaggacgaat tgaaaccgaa gatgacaaca acgaatgaag ctactacaca 240

gcctcctcag cagatgatga gcttgagttt tagtagtcag atgtctaaag aagacgaaga 300

gatggctcgt tctgctctct ctgcttttag ggctaaagaa gatgagattg agaagaggaa 360

aatggaagtt cgtgaaaggg ttaaggctca gcttgggtcg tgttgaggaa gagactcgtc 420

gtcttgctag tatccgcgag gagcttgaga ca 452

<210> 11335
<211> 468
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-001-Q1-E1-C3

<400> 11335

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tttgtacccc atgatcttac tggccagaag actgtgatgg gacaagttta cgccggattt 120

gaagggtgat tacaaggcaa tcatccaaaa tccaaacccg ctgatcccgc caatatttgg 180

taccgatgag tttggatggt gcacagagtg gaatccagca atgtcaaagt taaccggttt 240

gaagcgagag gaagtgattg acaaaatgct cttaggagaa gtatttggga cgcagaagtc 300

atgttgtcgt ctaaagaatc aaagaagcct ttgtaaacct tgggattgtg ctgaacaatg 360

ctgtgaccaa tcaagattca agagaaagta tcgtttgcnt tccttacaan aagtggcaaa 420

ttatgttgga antgtctgtt gtgtgtgaat aagaaactgg acaaggaa 468

<210> 11336
<211> 496
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-001-Q1-E1-C5

<400> 11336

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gatttttctg atcgatggcg gttcccacac tctgtatcgc cgatggaatc taccccactg 120

ctttttttcta ccggaattca gtccgacgac tgacctccgt cgcgcatgat cggtttacga 180

acccgaaatt cggaatcgat ggacgtctac ggaacggacc gaaggtgacg gcaacggtga 240

atccatatac gtacacggag gcggcgcagc ccgaagagcg gaagagtttg acggattttt 300

tggtggaagc tagagatttc gttagatctg acggcggaga tggtggtcca cctcggtggt 360

tctctccctt gggaatgtgg cgcacgcgct ccagaatctc ctcttcttct ctacttacct 420

gggatcgatg gtactgggat taaggctcat tcgccaacat aaagaagctt ggagaaatct 480

gtgaagctca attgag 496

<210> 11337
<211> 465
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-001-Q1-E1-D1

<400> 11337

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gtcgccgtcc tccatcggtt ggttcctcta ccaacggtgg ttggctcttg tctagcttct 120

ccgtcgtccg tctccggcgg tttaggctag cttttggccg gatttctttt tcggttttgt 180

tttatgttct cgttttctat agatccagtt tgattttgct cctttgtgtt ctaactctta 240

gagggctcaa ttccttgaac ctccttttgtt taaagggctc aatttgtttt tcaagcttat 300

cgatttcaat tatataagaa caaattagag ttgtggattg gggttttctc taatgccttt 360

gagttgggtt ttaagcaatt gagtcaattg tcatattggt ttttggaaac nagtgttttt 420

aatttacttt angtgttcaa tgggaagttc aatgggctaa agttc 465

<210> 11338
<211> 479
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-001-Q1-E1-B1

<400> 11338

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acgatgttta cttgctggag aagatctgga aaattttagc ggagattgaa gatcttcata 120

tgttgatgga tccggaagat tttttgaaat tgaagaaaca gttacagatc aaatcgacgg 180

gtaaaaacga tgcgttttgt ttcagatcta aaggattagt ggagatgatg aagatgtcga 240

aagatctgag acagaaagta ccggcggtct tggcggttga ggtagatcca accggaggac 300

caagattaca agaggcggcg atgaagcttt acgcgaggaa gacagagtgc gataagattc 360

atttgcttca agggatgcaa acngtggaag cngcggcgaa aaatttcctc ttgggtataa 420

gcaattaatg gcggctatga tgggaaattc cgganaanaa ccccaacngg caagtcaaa 479

<210> 11339
<211> 417
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-015-Q1-E1-H9

<400> 11339

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tttgaaactg aagattccgg gaaacgaagg tacatgggaa ctattgttgg aatcagcgat 120

ttggatccgt tgagatggcc tggttctaag tggcgtaacc ttcaggtaga atgggatgag 180

cctggatgta atgatccatg ggaagagttt gtgggatgcg taaggtgcat aaggatattg 240

tcgccaactg aggtccanca gatgagtgaa gaagggatga agcttttgaa cagcgcaagc 300

attaacgatc ttaangactc cgtttcanaa atgtnaccat atnagaatga tctcaancct 360

ggatttngtt aggaaaaaaa aagagaatna agaaatggtc ctttctccaa actnggg 417

<210> 11340
<211> 476
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-026-Q1-E1-E3

<400> 11340

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ggcttcgatg ggtggattac acggtgcatc tccggcggtt cttgaaggaa gcttaaagat 120

caatggctcc agccgtctga atggctctgg aagagtggcg gtggctcaaa ggtctagact 180

tgtcgtcaga gctcagcaga gtgaggagac ttctcgccgg tccgtgattg ggcttgttgc 240

tgctggttta gctggtggct cgtttgttca ggctgtcctc gccgatgcta tttcnatcaa 300

agttggccct cctccagctc cttccggtgg ccttcctggg acagataact cagaccaagc 360

angagacttt gcattggcat tgaaagacag gttttactta caaccattgc caccancaag 420

aagctgcagc tagaagccaa agaaatctgc aaaggatatc ataaaatgtt aanccc 476

<210> 11341
<211> 493
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-001-Q1-E1-A1

<400> 11341

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aaaatccgat tccagatcca ttcctgggca aacaaaggtt ggtgtttctc taatctcaaa 120

gctttttca aattcggaaa aagcaaatcg tgggaagaga ttcatcttct ctctgtgcgt 180

tcatcggatc tcggagcttt tggttcgtcg tcaatggcgg aagagacgga gaaaaagtac 240

attacgaacg aagatcttaa aaaacacaac aaatctggag atctatggat cgcgattcaa 300

ggcaaggtct acaacgtctc cgattggntt aaaaactcat cccgggaggc gacacggtga 360

ttctcaatct cgttggtcaa gacgtcaacc gatgcctttc atccgcattt catccccgga 420

ancgcntggg caccatctcc gaacatctcc tcancgggtt accacatcaa gagatttcaa 480

agtctccgaa gtc 493

<210> 11342
<211> 439
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-001-Q1-E1-A10

<400> 11342

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agattataga gcagaggaag agaccgggtc ggaaagtgta ttcggttact cctcaggttt 120

atcatgagcc aaggagtgtt gaaaaagctt ttcatcataa tggaagggtt ttgcttagtg 180

tttttgatga ggagaaggat gtgaaacaac ctattaggat ttatttgaat tatgatgctg 240

ttggtcattc gcttgaccga gattgtcaac gagttggcaa tattgtgaag ttgggtgagc 300

ctccttcaag tacttttcct gctgttcctg cttgtaatcc taatacaaaa cctccggttt 360

ctggtgattg ttggtaaaac tgcacttaga tgacatatct ggcaaggaca aaaagcatcc 420

gcctacgcaa aggctttan 439

<210> 11343
<211> 472
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-001-Q1-E1-A11

<400> 11343

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ggtcactatc gacaggaaca aacccttcat tacattgatg ggacaaccca atgccatgcc 120

tgttatcacc tatgacggta ccgccgccaa gtatggaacc gttgatagcg cctctctcat 180

tatcttatcc gactatttca tggccgttaa catcgtcgtt aagaacactg cgccggcacc 240

agatggtaaa actaagggag cacaagcttt atccatgaga atctccggaa attttgctgc 300

tttctacaac tgcaaattct acggtttcca agacacaatc tgtgacgata caggaaacca 360

tttcttcaag gattgttacg ttgaaggaac attcgatttc atcttcggaa gtggaacctc 420

tatgtacttg ggaacacaat tgcacgtggt tggagacggt attanagtga ta 472

<210> 11344
<211> 469
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-001-Q1-E1-A12

<400> 11344

cccgggncca cccacgcgtc cgcanacgcg tccggatcca caaggataag ggtgttgcac 60

caacagagtt tgaagagcaa gttactcagg ctttgtttga cttggagaac accaaccagg 120

agttgaaaag cgagttgaaa gatctctaca ttaaccaagc tgttcagatg gatatttctg 180

gcaaccgcaa agctgttgtg atctacgttc cattcaggct gaggaaagct ttccgcaaga 240

ttcatcttcg tctggtcaga gagcttgaga agaagttcag tggaaaagat gtgatctttg 300

ttgctaccaa gaagaatcat gcgcccaaca aagaaagggc tcaactgttc anagaacacg 360

caacaaaact cctacttctg tccatgaagc catgctccaa ggatgtcncc taacccgctg 420

anaattgtna ggaaagagaa acaagattac cgtccttgat ggcaccaag 469

<210> 11345
<211> 485
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-001-Q1-E1-A3

<400> 11345

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tctccacttc taccgtggta atttcgatgg ttttgaaagc ggatatgagc agcgtcgcaa 120

ggagatgaac aaaaaatttg atgtctacga caaacagatg aaagcagcga agaggactgg 180

aaaccggggt caacaggaga aggtaaagga cagggccaag tttactgctg caaaagaagc 240

atccaagagt aagtcaaagg gcaagacagt ggatgaagaa ggcccagcac cagaagctcc 300

aaggaagtgg agagattaca gtgtggtgtt ccacttccca gaaccaactg agctcactcc 360

tcctcttctg cagttaattg aggttagctt caactatccc aacaaggcaa atttcaaact 420

ctccgaatgt tgatgtaagt atncgatatg gggaacaccg gntnccaata atttggncta 480

accgg 485

<210> 11346
<211> 462
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-001-Q1-E1-A4

<400> 11346

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cgcatctccg tcaaccttca tctacagaat ggattctcag atcaagcacg ctgtggtggt 120

taaggtcatg ggtaggactg gttcaagggg tnaggttact caggttcgag tgaagtttac 180

cgactctgat cgttacatca tgaggaatgt taaaggacca gtgagggaag gtgatatcct 240

caccttgctc gagtctgaga gagaagctag gagacttcgt tgatcttctt cttcatactc 300

caaaatgcgg anacaagaaa acatttggnt atttctcttt tgctttcttt gattggatta 360

gtggattatg catttggagt cttaattttg ttgttgcntt taagacaaat tgctgctggg 420

atttataant tgtttgggta tcaaaatctc ctcatccaat aa 462

<210> 11347
<211> 472
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-001-Q1-E1-A6

<400> 11347

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ctcgattttt tgcttttcat ttttattaaa tctccgattt ttgatttttg gggnnnnnnn 120

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnncttctc tccaactcgc ggagctcttc 180

gtgagctcta ttgtgcattt gctttatggg ttttatatat ttagctccgc cgttgccgga 240

gatatctctc agacgttgaa tgattacttg tttaagtcca atgtcgcttt cggagaaacc 300

ggtcaaaatc aaaccaatgt tgagggtttg cctcctattg tattggttca tggcatcttt 360

ggatttggca aaggagatta ggaggcttat cttactttgg cggtgctgag aagaaagatg 420

agaaggttct tgttcctgat ttggggttcc ttaacaagca tctaagacag gg 472

<210> 11348
<211> 489
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-001-Q1-E1-A7

<400> 11348

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ctttggtttt gctgaagatg ttgctcggaa ggcactaaaa gcctcgggag gagacattga 120

gaaagcaaca gactgggtat tcaacaaccc taatgcatct gtttcagaca tggatgtatc 180

ctctagcaat tcagcgcaga ctccggctca aagtggatta ccagatggag gagggaaata 240

caagctgttt ggaatagtaa gtcacatggg aacatcagtg cactgtggtc attacgtggc 300

tcacatattg aaagaaggcc gctgggtaat tttcaatgac gacaaagttg gtatctcgac 360

tgatcctcct aaagacatgg gttatgtcta cttctttcan cggcttgatt gattcgatgg 420

agccagttac agagacaaaa actaatcctt ttttttttaa atagaaactt ttaaggtcat 480

aagggtttt 489

<210> 11349
<211> 473
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-001-Q1-E1-A8

<400> 11349

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tatgatcgag cttgctggaa tattccacaa ccgtggcttc tccgtcacga tactccacac 120

ttctttcaac ttcccggatc cttctcgcca tccacagttt acttttcgaa ctatcactca 180

caaaaacgaa ggagaagaag accctctctc tcaatcagaa acttcttcgg gtaaggacct 240

cgtcgtcctt attagtctgc tgaaacaata ctacaccgag ccgtctcttg cagaggaagt 300

aggcgaagga gggacggtgt gttgtttggt ctccgacgct ctatggggga ggaacacgga 360

gattgtagcg aaagagattg gagtgtgtac aatggtgatg aggactagtg gtgcggcaac 420

gttttgtgct tatacaagct ttccctctcc ttatagataa gggttacctt cct 473

<210> 11350
<211> 478
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-001-Q1-E1-A9

<400> 11350

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aataaaggca ttttcgacga gaatttctgt agagatgagg ccttcttgtg cttcttcctc 120

ctcctcctct gcttctcctt cgttgaggct atcgtcagtg acagtggcgg tggacaaagc 180

cacgagcgag cttctccgca ctcctgattg gaccatcatc atcgccatct gcgattctct 240

caattctaat cgctggcaat gcaaagatgc catcaaagcc gtgaagagaa gattgcagca 300

caagagttct agagttcaat tactcacttt aacgttgttg gaggcaatgc tgaagaactg 360

cggtgacttt gtgcattctc atatcgctga gaaacatcct cctgaaagat atgggtaaac 420

ntgtcaagga aaaaaggtga tttgaantta aggaacaaac tccttgaatt ttgttgga 478

<210> 11351
<211> 443
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-015-Q1-E1-A1

<400> 11351

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aaccaaagcc atccctaatc ctcgaattct tcctctctga gtttttattc tgagatagag 120

aaagatgtca ggtttagctt gtaattcgtg taacaaagac ttcgaagacg acgctgagca 180

gaagtttcac tacaaatccg aatggcaccg ttacaatctc aagcgcaaga tagctggtgt 240

tcctggagta acagaggcac tatttgaagc tagacaagct gctatagctc aagagaaggt 300

taaagctgtt gaagcaccga tgctttatag ttgtggaatc tgtaacaaag gttacaggag 360

ttccaaggct catgagcagc atccttaagt cgaagaagtc atgttttgaa gggcttcgac 420

gantactggg aaaggaggnt aaa 443

<210> 11352
<211> 404
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-014-Q1-E1-D9

<400> 11352

tnacaagaaa taatctcaaa tctcttacac tcatagtctt caagcaactt ctcagattca 60

gctcttatgg atcatttgtt acaacaccag gatgtttttg ggaattataa caaagcaaga 120

gaagcaatgg gactatcata ttcatcaaac ccaacaccgt tagataacga ccagaagaaa 180

ccttctcctg caacggctgt gacaaggcca cagcctccgg agctagctct caggtgtcca 240

cgttgcgact caacaaacac aaagttttgt tactacaaca actacagtct cactcagcct 300

cgctacttct gcaaatcatg ccggagatat tggactaaag gtggaactct aaggaacatc 360

cccgtgggtg gaggctgccg gaaaaacaaa cgattcacat cttc 404

<210> 11353
<211> 415
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-003-Q1-E1-C5

<400> 11353

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agcagagatc aatatgtcta catggcgaag ctcgccgagc aagccgagcg ttacgaagag 120

atggttcaat tcatggaaca gctcgtaagt ggagctacac cggccggtga gctgaccgta 180

gaagagagga atcttctctc ggtcgcgtat aagaacgtga ttggatctct tcgtgcggca 240

tggagaatcg tgtcttcgat tgagcaaaag gaagagagca ggaagaacga agaacacgtg 300

tcgcttgtta aggattacag atctaaagtt gagactgagc tttcttcgat ctgttctggg 360

attctcangt tacttgattc gcatctaatt ccttcagcta ctgccagtga tctaa 415

<210> 11354
<211> 437
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-004-Q1-E1-D8

<400> 11354

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nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 120

nnnnnnnnnn nnnnnnnnnn nnnnnnnngc gtcatattgt tacttggtca caagaggaag 180

atgttatact aagagaacaa ataactctac atggaactga aaattgggcg atcattgcat 240

caaagttcaa agacaaaagc acaagacaat gcagaagaag atggtataca tacttaaact 300

ctgatttcaa aagaggaggt tggtcccctg aagaagatat gcttttgtgt gaggcacaaa 360

gagtatttgg taatagatgg actgagatag caaaggtggt ttcaggcaga actgataatg 420

ctgtgaagaa cangttt 437

<210> 11355
<211> 416
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-006-Q1-E1-A2

<400> 11355

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cctattatga gtctaaaagt ctactagctg ttcaatagtt ttgtctttct gtgtttcttc 120

ttcttcaaaa ccgaaagaaa ttcaaaaaga gtctttcgct gcttgttagt ggggtgagga 180

acaaatggga agaacacctt gttgtgacaa gattggtttg aagaaaggtc cttggacgcc 240

tgaagaagat gaggttcttg ttgcgcatat caagaaaaat ggacatggaa gctggagaac 300

acttcctaaa cttgctggtt tacttcgctg tgggaagagt tgcaggctga gatggacaaa 360

ctatctgaga ccaagacata aagagaggtc ctttcactgc tgatgaagag aaactt 416

<210> 11356
<211> 747
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-020-Q1-E1-B12

<400> 11356

aaagcttggt ttttaacggc ccccgggggn cnccccgggt ttaacccggg cgcttccccg 60

ggaaaaaaag anttttcccc cggaggggggg ntnccggaaa ccccccaaac cggcccggnt 120

tccccgggcc ccccaaacgg gcccggtttt cccgggccct tccaaaaaaa aaaaccccaa 180

anannanaat tcccaaccct taaaaannag ggaaangggg gaaagnaaaa aggaaatttg 240

ggccttaaaa aaaggttttt ttgganttaa aaaaaacaaa ttttcccaaa aaaanattcc 300

aaaatngggg cctnggaatt naangggaat ttaaaaaagg ggtnccaatt gggaaggtnc 360

cttgaaaaga aagaacgaag caagccttnc gttanggctt tgtttngttn aaaattacgg 420

gttccaaagg aaaaactngg gacaagttga attaagcaaa aatcctaatt ccccgggtta 480

gattcggggg gaaaaatccg ttgttcgttt aacgggtggg ttgcaaaccc aagccttttc 540

gcccgcaaag tttgaagcaa tcnggnccgt ttttcgggct tgaagggaaa agacgaagac 600

gatcgcaacg tgctcacgct caagttcggg taataaatgg ggcgacgatt gctcgtcttc 660

tcaacggtcg tacggacaac gccgtnaaga atcactgggn actccacgct caaanaagga 720

aatnccggng ggtacgaaca tccgggg 747

<210> 11357

<211> 389
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-021-Q1-E1-A12

<400> 11357

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cttcatcaga ttcaaaagag cttgtcccac ttccagagtt ggaagtcaag gcgcttgcca 120

tagttccgtt gaaccagaaa cctaagcgta ctgagctagc ccagaggaga actaggagac 180

ccttctctgt gacagaggta gaagctcttg tacaagcagt tgaggaactc gggactggaa 240

gatggcgtga tgtaaaattg cgtgctttcg aggatgcaga tcatcggact tacgtggact 300

tgaaggacaa atggaagacg ctagttcaca cagcaaagta tatccccaca gcaacgaaga 360

nganagccgg tgccacaaga actgctana 389

<210> 11358
<211> 419
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-027-Q1-E1-D10

<400> 11358

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caccggagcc ggcaactttt cccggttcgt tttagaccta tatacattca tattatcaat 120

catcacaatc aatatgactc ttactacgtg gatatatatt cacataatta taattagtag 180

tagcacatat gacatatgag tataaaaata cgtgtatcat ttatttttga tgttttaaaa 240

aagtatttta cattatttta ctctaccact aggccatcat taaagcatca tatatccaag 300

tatccaacac atgaaaacgt tttaatattt agattgattc tttaacaaag aacgaatata 360

atagagcata tatatataca cgtttaaaaa aaaaatctag ttatgaaaat ataattaan 419

<210> 11359
<211> 428
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB24-004-Q1-E1-G3

<400> 11359

tctcacccaa tttgtgtttc ttctttctgc taaaaggtta taatttttgt ttcttggttt 60

ggtgagaatc ttcaagaaac tgaaacaaag aaaatggatt ctagttgcat agacgagata 120

agttcctcca cttcagaatc tttctccgcc accaccgcca agaagctctc tcctcctccc 180

gcggcggcgt tacgcctcta ccggatggga agcggcggga gcagcgtcgt gttggatccc 240

gagaacggcc tagagacgga gtcacgaaag ctaccatctt caaaatacaa aggtgttgtt 300

cctcagccta acggaagatg gggagctcag atctacgaga agcaccaacg agtatggctc 360

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ccgtggcc 428

<210> 11360
<211> 473
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-004-Q1-E1-G4

<400> 11360

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ttcttctttc tgctaaaagg ttataatttt tgtttcttgg tttggtgaga atcttcaaga 120

aactgaaaca aagaaaatgg attctagttg catagacgag ataagttcct ccacttcaga 180

atctttctcc gccaccaccg ccaagaagct ctctcctcct cccgcggcgg cgttacgcct 240

ctaccggatg ggaagcggcg ggagcagcgt cgtgttggat cccgagaacg gcctagagac 300

ggagtcacga aagctaccat cttcaaaata caaaggtgtt gttcctcagc ctaacggaag 360

atggggagct cagatctacg agaagcacca acgagtatgg ctcgggactt tcaacgagca 420

agaagaagct gctcgttcct acgacatcgc agcttgtaga ttccgtggcc gcg 473

<210> 11361
<211> 398
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB24-005-Q1-E1-C2

<400> 11361

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tgagctttta acggtgtcgt ttcaattcga agcgcatgcg tttcttcttc tttttgagct 120

gtgaaaattc gttttctcat agtttttcct ctctctctct ctcagtctaa atttattacc 180

agtttttaga aagaaaaaac agattaaatc tgagagagaa aaatataatt ttagctgaca 240

tggatcgtta tgtacatatt attacataac cggagatctg aacttttgtt gtgtgctttt 300

aatttttttgc gacttggttt caccccaatg ttgtntctcn attttttttta ctacnttttt 360

tttttggtcc tncaaanttt caatcaaata ntttgggg 398

<210> 11362
<211> 452
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-029-Q1-E1-C1

<400> 11362

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nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnctcc ctcctctccc 180

cggttattac ccggattcaa cgttcttgac ccaaccgttt tcatacgggt cggatcttca 240

acaaaccggg tcattaatcg gactcaacaa cctctcttct tctcagatcc accaagatcc 300

agtctcagat ccatcatcct cttcctccga cgcatcacaa caacaacaac tctttctcga 360

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cttacggttc aggtgttcct tcgaaaccga cg 452

<210> 11363
<211> 417
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-003-Q1-E1-A11

<400> 11363

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gatcgccgga aagtatcgcg aaatttgcag ggagagcaat atttcctgct ttacagggga 120

aatcgtgtcc gatatgcctc gaaaatctaa ccgagcgaag atccgccgcc gtgatcacgg 180

tgtgcaagca cggatactgc cttgcttgta ttcggaagtg gagcagcttc aagaggaatt 240

gtcctctttg taacactcgt tttgattcct ggtttatcgt tagtgatttt gcttctagaa 300

aataccataa ggagcaatta ccaattcttc gtgatcgtga gactttaact tatcatcgga 360

ataatccttc cgatngccgg aggataattc aaaggtcgan ggatgttttg gaaaact 417

<210> 11364
<211> 453
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB24-013-Q1-E1-E6

<400> 11364

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ttgatcatcg ttcggagctc cgggaaacat ggcggcgacg agacaattac gaactctcca 120

atctcagcct gaaaacaagg tatgtgtcga ttgcgctcag aagaatcctc aatgggcgtc 180

ggtttcgtac ggaatcttca tgtgtttgga atgctccggg aaacaccgag gcttaggcgt 240

tcacatatcc ttcgtcagat ccgtaaccat ggattcatgg tctgcgatcc agattaagaa 300

aatggaagct ggtggtaacg aacggctcaa caaattcttc gcgcaatacg gaatcgctaa 360

ggagacagat attatctcca agtacaattc gaacgctgct tctgtgtatc gtgaccggat 420

tcaagcttta nctgaaggta gacatggaat gat 453

<210> 11365
<211> 428
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-002-Q1-E1-A8

<400> 11365

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tcgcgtccga gaggtcatgc aggaagctat caaatgcatg cgtcatgctc gacgcaccac 180

tttaatggct catgatgtcg attctgctct tcatttcagg aatttggagc ctacctctgg 240

ctccaaaagt atgcggttca agagagctcc tgagaacaga gatctatact tcttcgatga 300

caaagatgtc gagctcaaga atgttatcga agctcctcta ccaaatgcac ctcctgatgc 360

atctgttttc tctcattggt tggcaattga tggtattcaa ccttccattc cacagaattc 420

tcctctca 428

<210> 11366
<211> 419
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-073-Q1-E1-E3

<400> 11366

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tctctcacct attgtaaaaa tcaccagttt cgtatataaa accctaattt tctcaaaatt 120

cccaaatatt gacttggaat caaaaatccg aatggatgtg agcaaagtaa ccacaagcga 180

cggcggagga gattcaatgg agactaagcc atctcctcaa cctcagcctg cggcgattct 240

aagttcaaac gcgcctcctc cgtttctgag caagacctat gatatggttg atgatcacaa 300

tacagattcg attgtctctt ggagtgctaa taacaacagt tttatcgttt ggaaaccacc 360

ggagttcgct cgcgatcttc ttcctaagaa ctttaagcat aataatttct ccagcttcg 419

<210> 11367
<211> 343
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-104-Q1-E1-D7

<400> 11367

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tcttccatgg agtcgagcac tggacaaagg gtaagcgatc taagagatca agatccgatt 180

tccaccacca aaacctcact gaggaagagt atctagcttt ttgcctcatg cttctcgctc 240

gcgacaaccg tcagcctcct cctcctccgg cggtggagaa gttgagctac aagtgtagcg 300

tctgcgacaa gacgttctct tcttaccaag ctctcggtgg tca 343

<210> 11368
<211> 306
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-006-Q1-E2-A7

<400> 11368

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ggttcttcaa aacgatatcg atctgcttaa cccacctgct gagcttgaga agaggaagca 120

catgctcaag cgtcttgtcc agtctcccaa ttccttcttc atggatgtga agtgccaagg 180

ctgtttcaac atcactactg ttttcagtca ctcgcagact gttgtggtgt gcggaaactg 240

ccaaacaact ctgtgccagc ctacaggaag taaggcaaag ctcaccgaaa gatgctcatt 300

catgat 306

<210> 11369
<211> 407
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-066-Q1-E1-C10

<400> 11369

accacgcgtc cggaaaaagc attcttttt gccccttgag tgctttcagc tcttcccaca 60

aggttacaga agtaatgtca cgtgtgtacg tcggaaattt ggacccgcga gttactgagc 120

gtgaacttga ggatgagttc cgtgcctttg gagttgtcag gagtgtttgg gttgcccgta 180

gaccacctgg ttacgctttt ctagatttcg aagatcctag ggatgcccgt gatgctatcc 240

gtgctttaga tggcaagaat ggctggaggg ttgaacagtc tcacaatcga ggtgagcgtg 300

gtggcggcgg tcgtggtggt gaccgtggag gtggtggcgg cggccgtggt ggtcgtggtg 360

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<210> 11370
<211> 427
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-007-Q1-E1-G11

<400> 11370

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acttgaagag cttacaacgt cggagttttt ttctccggtg atgaatagtc cagattgtag 180

catgcttgaa gctttggcgg ggttgcagcg ttatttgccg tctaacgaac cggatccgga 240

gtcatacccg gatctattgg gtccggattc accaatcgat gcttactcat gcgaccattt 300

ccgtatgtac gatttcaaag tcaggaggtg tgctcgtggc cggagtcatg attggacgga 360

gtgtccgtac gctcatcncg gagaaaaagc tcgccggaga gattcgagga agttacatta 420

ctctggg 427

<210> 11371
<211> 391
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-078-Q1-E1-G1

<400> 11371

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tttatgcgat aagaaccaca attcctctat caaaatctct ctctctgaca tacccagttg 120

gaaaaattca atcttttatc cctaagattc gatctttctt cttgggaagt tgataaatgt 180

tcaaggaaac ataaaaaaga gaagattttt gaataaaggt tgaagaaaaa tgcaggatcc 240

agcagcatat taccagacga tgatggcgaa gcaacaacaa caacaacaac cacagtttgc 300

agagcaagaa cagttaaagt gtcctcgttg tgactcacca aacactaaat tctgttacta 360

caacaactac aatctctcac agcctcgtca c 391

<210> 11372
<211> 412
<212> DNA

<213> Arabidopsis thaliana

<223> Clone ID: LIB25-068-Q1-E1-B4

<400> 11372

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ctcaatttgg attggatttt ctgcatatca tcgctctagc tttcgcgggt tttggattcg 120

attccttacc cttctccaat cgaagttttt ggctttgaat tggatttggg tttcgttcca 180

aaatcagctc tttttgttaa tcagatatgc aggaccagct ggtgtgtcat ggttgtagga 240

atttattgat gtatcctaga ggagcatcta atgtgcgttg tgcgttatgt aacactatca 300

acatggttcc tcctcctcct ccacctcacg acatggcaca cattatatgt ggtggttgta 360

gaacaatgct tatgtatacg cgtggggcta gtagcgtaag atgctcttgc tg 412

<210> 11373
<211> 430
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-112-Q1-E1-C8

<400> 11373

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ccataattgc taattattaa aaggaaacat aagtaatcgt tgcttcgatc ctttgttaca 120

tggatggatc ctgaacagga aatctcaaac gagactttgg aaactatatt ggtaagttca 180

acagaaggaa gcaataataa caataagaaa atggaagaag aaatgaagaa gaaagtatca 240

agaggagaat taggaggtga agctcaaaat tgtccaagat gtgaatctcc aaacacaaag 300

ttttgttact acaacaacta tagtctctca caacctcgtt acttctgcaa atcttgtcgg 360

agatattgga ctaaaggcgg tactcttcgt aacgttcccg tcggtggtgg ttgccgtcga 420

aacaaacgat 430

<210> 11374
<211> 416
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-016-Q1-E1-E12

<400> 11374

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cctcggccac gttgccgcct gaatcggacg cagagacgac gaaaaaggta acctaactgc 180

agatctcatc ggagaactcc acgaacaacc acctccgttc aattgcattt tcctcatcga 240

cgcaataagt tcaccggtac tcggagaaag cggcggagat tccgacggtg gtgaaaacga 300

aggagaaaca agaatcgaag tcggagaagt agctaatcct gagaagaatc caagatctgg 360

atctaacgaa caaggtaata cacgtaactg ctccgtcgta tgagcgaaga gacaga 416

<210> 11375
<211> 360
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-007-Q1-E1-F1

<400> 11375

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gtgatggaat ttgtggaatc tgggaaagag ctgagagcgg agatgtatgc aagactcagt 180

agagagaact cagtcggttg agtcgacttg gatcgagtct gtgatgacgt ggcgactcga 240

tctgattttg tggatattct agagatgttt aaggtgttgt ggagaaatga cctggcgggt 300

cgatcttagt gacggtacaa tcggacgatg aagacatcag cgttaagagt atcatactca 360

<210> 11376
<211> 214
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-086-Q1-E1-F5

<400> 11376

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aaaactccaa cctttacttt atttttgttt tgttttgtaa ccctctcaga tcttaattct 120

caaagaagta tgaagagaga aagatctgat ttcgaagaat ccctcaagaa tattgacatt 180

gctaaatgtc tgatgatact agcacaaacc tcca 214

<210> 11377
<211> 444
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-039-Q1-E1-D12

<400> 11377

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caacttcgtc gacgattcaa acgtcgtcag gatcggagga gagtctcatg gagcagagga 180

aacgtaaacg gatgctctca aaccgtgaat ctgcaaggag atcaagaatg aagaaacaaa 240

agctcctaga cgatctaacg gctcaggtta atcatctgaa aaaagagaac acggagatcg 300

tgacaagtgt cagcatcaca acgcaacact acctaaccgt tgaagcagag aactctgttc 360

tcagagctca gcttgatgaa cttaaccaca ggctccaatc tctcaacgac atcatcgagt 420

tcctcgacag taacaacaac aaca 444

<210> 11378
<211> 218
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-112-Q1-E1-E7

<400> 11378

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caagttctct tccccaaagc tctcaaaccc gagcaaattc ctctccggcc gacgtttctc 120

caccgtgatt agaatgtcag cctcgtcctc atcgcctcct ccaaacaccg gcaactcgaa 180

gtccaaaaag ggaacgaaga aagagattca agagtcgc 218

<210> 11379
<211> 444
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-039-Q1-E1-D6

<400> 11379

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ttctacgagg gtatcgggtt aaacacaaag gagttcgata tgcatgtcat catcgagaca 120

aaccgaacca cggcaagaat attccctgcg gtgctggatg ttgagaaccc tgagttcaag 180

aggaaactgg atagaatggt tgtgagctat gagaagctgc tggctatagg agaaacagat 240

gatgcttcct tcatcaagac cctcaagagg attcctttgg ttacttcttt agcctctgag 300

atcttggctg cttatctcat gcctcctgtt gagtctggct ctgttgattt cgccgagttt 360

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gatttcttgt aattgaatga tcga 444

<210> 11380
<211> 408
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-091-Q1-E1-G10

<400> 11380

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gccgacgttt ctccaccgtg atcagaatgt cagcctcttc ctcaccgcct cctccaacca 180

ccgccacctc gaagtccaag aagggaacga agaaagagat tcaagagtcg cttcttactc 240

cgaggttcta cacgacggac ttcgaggaaa tggaacagct tttcaacacg gagatcaaca 300

agaaccttaa cgaagcagag ttcgaggctc tgcttcaaga gttcaagacc gattacaacc 360

agacacattt cgtgaggaac aaggagttta aagaagctgc agacaaat 408

<210> 11381
<211> 396
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-077-Q1-E1-E11

<400> 11381

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aagtctaaat ccttttttct ttctttcctt caacatgcct ttaccttgga agaaatctaa 120

atctagtcgg atctctagat tcgtatcaga ctttcaacaa tctcctaaac atggtggatc 180

tctcgttgtt gaaactggtt tcccaacttc tttaatcgat ctctttgtta agaatcgcga 240

tcgtctcaaa aaacaatctt caaaacgtaa caacaagaac aacaaagccc agactgaaac 300

gcgtgttttg tctccacctc ctcctcatat gtctttgcag cgtcgtatgt ctcttccttc 360

caagcttgat ccagctttgg ttacagagga ttctcc 396

<210> 11382
<211> 197
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-094-Q1-E1-H12

<400> 11382

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gccatagctt tgcaagctag gaatgctgaa tataacccca agcgtttcgc tgctgtaatc 120

atgaggatca gagagccaaa gaccacagcg ttaatttttg cttctgggaa aatggtgtgt 180

accggagcta aaagtga 197

<210> 11383
<211> 403
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-076-Q1-E1-D11

<400> 11383

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cttcagattc tcctttccac agtgaatgga tcaacaagac catggacagt ctggagctat 120

gaactatggc acaaacccat accaaaccaa cccgatgagc accactgctg ctactgtagc 180

aggaggtgcg gcacaaccag gccagctggc gttccaccag atccatcagc agcagcagca 240

gcaacagctg gcacagcagc ttcaagcatt ttgggagaac caattcaaag agattgagaa 300

gactaccgat ttcaagaacc acagccttcc ccttgcgaga atcaagaata tcatgaaagc 360

ggatgacgat ttccgtatga tctcggctga ggcgcctgtc gtg 403

<210> 11384
<211> 436
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-051-Q1-E1-D11

<400> 11384

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ctgtgagatg ttcatcctgg agctgacact caggtcgtgg aaccacactg aggagaataa 120

gaggcggacg ttgcagaaga acgatattgc tgctgctgtg actagaaccg atatttttga 180

tttccttgtg gatattgttc cccgggagga tctccgagat gaagtcttgg gaagtattcc 240

gaggggcact gtcccggaag ctgctgctgc tggttacccg tatggatact tgcctgcagg 300

aactgctcca ataggaaatc cgggaatggt tatgggtaat cccggtggtg cgtatccacc 360

taatccttat atgggtcaac caatgtggca acaacaggca cctgaccaac ctgaccanga 420

aaattagcaa gaaact 436

<210> 11385
<211> 416
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-016-Q1-E1-F11

<400> 11385

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attctccaga ccataaaaac tcaaaaagat cagatctttc ctctgaaaaa gagataccca 120

acttatgttt ttgtgtgtct gtatatagat aaacattaca tacccatatt tgtgtataga 180

cataaaaagt ggaaattaag gtaacaaaaa gaaatgggaa gaggaagagt agagctgaag 240

aggatagaga acaaaatcaa cagacaagta acgtttgcaa agcgtaggaa cggtttgttg 300

aagaaagctt atgaattgtc tgttctctgt gatgctgaag ttgctctcat catcttctcc 360

aaccgtggaa agctctatga gttttgcagc tcctcaaaca tgctcaagac acttga 416

<210> 11386
<211> 393

<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-111-Q1-E1-C9

<400> 11386

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accctataaa taaaaaatca gacaaacaga agtttcctct tcttcttcct taagctagta 120

ccttttgttc ttgaaattag ggttaatttc ttttttccaa ataccatcaa ttctccagac 180

cataaaaact caaaaagatc agatctttcc tctgaaaaag agatacccaa cttatgtttt 240

tgtgtgtctg tatatagata aacattacat acccatattt gtgtatagac ataaaaagtg 300

gaaattaagg taacaaaaag aaatgggaag aggaagagta gagctgaaga ggatagagaa 360

caaaatcaac agacaagtaa cgtttgcaaa gcg 393

<210> 11387
<211> 412
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-013-Q1-E1-F5

<400> 11387

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gcaagaacct aaggagaggg aaaatagaga taaagaggat agagaacaca acatatcgtc 120

aagttacttt ctgcaaacga cgcaatggtc ttctcaagaa agcttatgaa ctctctgtct 180

tgtgtgatgc cgaagttgcc ctcgtcatct tctccactcg tggccgtctc tatgagtacg 240

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accctccttc cgtcaccgaa gctaatactc agtactatca gcaagaagcc tctaagcttc 360

ggaggcagat tcgagatatt cagaattcan ataggcatat tgttggggaa tc 412

<210> 11388
<211> 456
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-051-Q1-E1-D10

<400> 11388

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ttcagtcacc tgcaaagcca ttgactgata agccaacccc ggagctgaat aggacaccta 180

gtcgacttgc tggtatgttc tctggaacgc aagacaaatg cgctacttgc actaaaaccg 240

tgtatcctat cgaaaaggta actgtggaaa gccagtgtta ccataaatct tgcttcaagt 300

gttctcatgg aggctgtccg atatctccat cgaactatgc agctctagag ggaatattgt 360

actgcaagca ccatttcgct cagcttttca aggagaaagg aagttacaat catctcatca 420

aatctgcttc catcaaacgc gctaatgctg ctgcta 456

<210> 11389
<211> 420
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-001-Q1-E1-G12

<400> 11389

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agcaagaaga tagggagagg gaagatagag ataaagagga tagagaacac tacgaatcgt 180

caagtcactt tctgcaaacg acgcaatggt ttactcaaga aagcttatga gctctctgtc 240

ttgtgtgacg ctgaggttgc tcttgtcatc ttctccactc gaggccgtct ctacgagtac 300

gccaacaaca gtgtgagagg aacaatagaa aggtacaaga aagcttgctc cgacgccgtt 360

aaccctccga ccatcaccga agctaatact cagtactatc agcangaggc gtctaaactc 420

<210> 11390
<211> 436
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-001-Q1-E2-G12

<400> 11390

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agaagatagg gagagggaag atagagataa agaggataga gaacactacg aatcgtcaag 180

tcactttctg caaacgacgc aatggtttac tcaagaaagc ttatgagctc tctgtcttgt 240

gtgacgctga ggttgctctt gtcatcttct ccactcgagg ccgtctctac gagtacgcca 300

acaacagtgt gagaggaaca atagaaaggt acaagaaagc ttgctccgac gccgttaacc 360

ctccgaccat caccgaaact aatactcagt actatcagca agaggggtct aaactccgga 420

gacagattcg ggacat 436

<210> 11391
<211> 422
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-056-Q1-E1-B4

<400> 11391

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ttagggttgt tgatttttca atttctgggt taatttttt tagggttttc atttggaatc 180

atgtcggatg cgtattgtac ggattgtaaa aaggagacgg agttggttgt cgatcactca 240

gccggagata ccctttgctc cgagtgtggt ttggttttgg aatctcactc cattgatgag 300

acctctgagt ggcgtacctt cgctaatgaa tcttccaaca gcgattccaa tcgtgtcggt 360

ggtccaacca acccgcttct cgctgatagt gctttaacca ctgttatcgc taagcccaaa 420

tg 422

<210> 11392
<211> 407
<212> DNA
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<223> Clone ID: LIB25-105-Q1-E1-C1

<400> 11392

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cggatgcgta ttgtacggat tgtaaaaagg agacggagtt ggttgtcgat cactcagccg 240

gagataccct ttgctccgag tgtggtttgg ttttggaatc tcactccatt gatgagacct 300

ctgagtggcg taccttcgct aatgaatctt ccaacagcga tcccaatcgt gtcggtggtc 360

caaccaaccc gcttctcgct gatagtgctt taaccactgt tatcgct 407

<210> 11393
<211> 451
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-037-Q1-E1-C5

<400> 11393

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cggaggacga aattcgtttt ttcgccggaa ctaaattaag gagatttgag aggctatggg 180

tacaacaacg acaacaagcg ctgtgtatat ccatgttatc gaggatgtcg tcaacaaagt 240

tcgtgaggag ttcattaaca acggaggtcc tggcgagagt gttctcagcg agcttcaagg 300

aatttgggag acgaagatga tgcaagccgg agtcttgaat ggaccaatag agaggtcatc 360

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tacagaggag tacgagactc ccactgctga a 451

<210> 11394
<211> 452
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-046-Q1-E1-D6

<400> 11394

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ttttttttct ttttaaaacc aaataatctg cgaatcaaat tttaagttgt aaatgttaga 180

atttccgatt cacttgcatg acacaaagag cactagtcat tgatttgatg taagaataca 240

ctgaaatttg gtacaatcaa aagcgaaaga gttttatggt ttaaggtgtt gggggctttt 300

tggattgaaa ttagaatctc ccaaggttcc cttcgctgtg tgcagttgta tcaatatagc 360

caaaaaaaaa atctgtatga ctaaaaagcc agctcgtgct ttcttaacct acttgtcacg 420

ccggtccttg gggagtaaat cagccttcct ca 452

<210> 11395
<211> 370
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-114-Q1-E1-A6

<400> 11395

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ggaaagggta ctgtcacaag aaagaagaag gctgtgcaca cgaccactac aactgatgac 180

aagaggcttc aaagcactct taagagactt ggagttaact ccattcccgc tattgaagaa 240

gttaacatcg ttaatgatga cgttgttagt cagttcatca atcctaatgt tcaagcttca 300

cttgctgcaa acacatgggt tgttagcggt tctccgcaga ccaaaccatt gcaagatatc 360

cttcctcaga 370

<210> 11396
<211> 388
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-083-Q1-E1-D11

<400> 11396

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tatctcggaa tcgacatgag ctgcgcgatc ggatctctcc ggaacggtga cttcccggag 120

aaagattgtc ttcttcctct aatttcaaag cttctcggtt attgcctcgt tgctgcttca 180

atcaccgtca agctccctca gataatgaaa atcgttcaac ataagagtgt acgaggctta 240

agtgttgtgg catttgagct tgaagttgtt ggttacacaa tttcacttgc ttattgtttg 300

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atcttggtgg cttgtatcta ttattatt 388

<210> 11397
<211> 447
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-032-Q1-E1-E9

<400> 11397

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aatctttttc cctcttcgat tctcacttct ttgtataaaa ggcttctcct tttctcaatt 120

cttcggcttc ctttcgccca aactcttccc tcgaatcttt ccttctcgtc ttaaagctac 180

aataccctac atgtcggata tcttcgcaat gcacataaga ttgactgatc aatgattgga 240

atggagtaaa caagttgatc ttagcaagca tccttcaggg attgttcgta ctcttcaaaa 300

tattgtctcc atagtgaact tagactgcaa gctagatcgt acagccatag ctatgcatgc 360

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gaatactaca gcattaatat tcgcctc 447

<210> 11398
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<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-073-Q1-E1-E8

<400> 11398

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tttctgaatc atctctatct ggtttgaggg tttcgtttga tatctggaga aaggggtttc 120

tggaaacaag gagttcataa ttcgcgatct tgatctatcg atcttcattt atatataaaa 180

gcgtgaatga gattatgatg gagtcgaaag gtggtaaaaa gaagtccagc agtagtagtt 240

ccttatttta cgaagctccc ctcggttaca gcattgaaga cgttcgtcca aacggtggaa 300

tcaagaaatt caaatcttct gtctactcaa actgctccaa gaggccatcc tgagtaacag 360

cgtgcaccga tcttcataat atagttatag ctttctttac tttccagt 408

<210> 11399
<211> 422
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-077-Q1-E1-D8

<400> 11399

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acaatgtcta cactctcgag atgtgcatga ctggtctgga cagagagaaa gctgctgtct 120

tctacaagga tgaagctgac aagactgggt caatgactga taactctgga atcagaaaga 180

tccttcccaa gtctgagatc tgcgactttg aattcgagcc ctgcggctac tctatgaact 240

caattgaagg ggatgcaatc tccacgatcc atgtgacccc tgaagatggg tttagctacg 300

ctagcttcga agctgtgggt tacgacttca acacccttga ccttagccag ctggtgacaa 360

gggttctctc ttgcttcgag cccaagcaat tctctgtagc tgtgcactcg agcgttggag 420

cg 422

<210> 11400
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<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-041-Q1-E1-C12

<400> 11400

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ttgcggtttt ctgaatcatc tctatctggt ttgagggttt cgtttgatat ctggagaaag 120

gggtttctgg aaacaaggag ttcataattc gcgatcttga tctatcgatc ttcatttata 180

tataaaagcg tgaatgagat tatgatggag tcgaaaggtg gtaaaaagaa gtccagcagt 240

agtagttcct tattttacga agctcccctc ggttacagca ttgaagacgt tcgtccaaac 300

ggtggaatca agaaattcan atcttctgtc tactcaaact gctccaagag gccatcctga 360

gtaccagcgt gcaccgatct tcataatata gttatagctt tctttacttt ccagtgtata 420

attttcttct ttc 433

<210> 11401

<211> 219
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-096-Q1-E1-E6

<400> 11401

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tgaatccgtc aatgaaggac acccagacaa gctttgtgac cagatttctg atgcgatcct 120

tgatgcttgc ttagagcaag atcctgaaag caaagtggcg tgtgagacat gcaccaagac 180

caacatggtg atggtgtttg gtgagatcac taccgctgc 219

<210> 11402
<211> 344
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-024-Q1-E1-H6

<400> 11402

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gcataatctc tcatcgaagc acactgggga cttttctagt cacatctgag tccgtatccg 120

agggagaccc agacggactc tgtgaccagc tctctgatga aatccccgat gcatgccttg 180

atgaatgccc tgacagcaaa gttgcttgtg agatatgctg taagacctgc atggtcatgg 240

tcattggcaa gatcactagc aaggttactg ttgacgataa gatgattgtc catgacacct 300

gtcgtgccat tggacttgtc actgatgatg tcgctcatga tgct 344

<210> 11403
<211> 417
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-067-Q1-E1-A8

<400> 11403

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ccgcagcttt aagaaatgga gactttccta ttcacatctg agtctgtgaa cgaaggacac 120

cctgacaagc tttgcgacca gatctctgat gcagtccttg atgcctgcct tgagcaagac 180

cctgatagca aagttgcttg tgagacatgc accaagacca acatggtcat ggttttcggt 240

gagatcacca ccaaggctac gattgactac gagaagattg tccgtgacac ttgccgttcc 300

attggattca tctctgacga tgttggtctt gatgctgaca aatgcaaagt ccttgttaac 360

attgaacaac agagcccaga cattgcccaa ggtgttcacg gtcacttcac caaacgt 417

<210> 11404
<211> 371
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-009-Q1-E1-E12

<400> 11404

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atcagaatcg tcatcatcgg acatgccgaa atcctcggcg actaacatct tcgcaggtaa 120

acacgtcgtc atgtctcgca aacgattctg acaccacagt tgcctgagaa actcggtcca 180

tcaccaacaa ggacatagat cttgagtcaa ggaatatcag ggcaaacgtt gctcactaac 240

acaatgttcg catcacatac catgtgactg tatgcattcc tgcagacgtc ggcctaaagt 300

gtgataactg cacagttcga gtcagcattt agcaacggag acgagacaat gcacgaggag 360

ggaatagtaa t 371

<210> 11405
<211> 445
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-044-Q1-E1-G7

<400> 11405

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tttttctgat tctgtatatc gccatgaatt actgatttcc ctctctataa acccatcaaa 120

gtaaaccaat ttctcctgtg acttgtacct aactcgatct taccagactg gtgatggcgt 180

ctttgaaccc tttcgatctt ctaggagatg atgctgagga tccaagccag ctcgctgtgg 240

ctttgtctca gaaagtcgag aaagctgctg ctgctgttca gcctcctaag gccgctaagt 300

tcccaaccaa gccggctcct ccttctcaag cagtgaggga gtcgaggaat gctcctcaag 360

gaggtcgtgg tgggactggt ggacgtggtg gattttcccg tggcaggggt aatggtggat 420

acaaccggga caacaggaac aatga 445

<210> 11406
<211> 429
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-027-Q1-E1-D7

<400> 11406

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caaaagcagt cgacaagtca ctttctccaa acgacgcaat ggtctcatcg acaaagcgcg 120

agaggtttcg attctctgtg aatcctccgt cgctgttgtc gtcgtatctg cctccggaaa 180

actctatgac tcttcctccg gtgacgacat ttccaagatc attgatcgtt atgaaataca 240

acatgctgat gaacttagag ccttagtaag taattagcta agaacgtcat tctaatattc 300

ttctggatgc ggtttttggt gttatgaagg atagaagcgc tgttcaagcc ggagaaacct 360

caatgttttg aactcgatct tgaagaaaaa attcagaatt atcttccaca caaggagtta 420

ctagaaaca 429

<210> 11407
<211> 385
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-085-Q1-E1-B10

<400> 11407

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gagagatata ctttcttttg aggatcagat cgtgacaggg tttagctcaa ggagagggtg 120

agaaaaagaa gaagaaggtg agaaaagtga aggcaaggct ttgaggatgt cttttacagg 180

aactcaacag aaatgcaagg cttgtgagaa gactgtttat gctgttgagc ttctctctgc 240

tgatggagtt ggatatcaca agtcttgctt caaatgcact cactgcaaaa gcaggcttca 300

gctgagtagt tactcatcaa tggaaggtgt tttgtactgt aagcctcatt ttgagcagct 360

ctttaaggag agtgggagtt tcaac 385

<210> 11408
<211> 387
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-003-Q1-E1-H3

<400> 11408

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aacattccaa aatcaatggc tgataggatc aaaggtccat ggagtcctga agaagacgag 120

cagcttcgta ggcttgttgt taaatacggt ccaagaaact ggacagtgat tagcaaatct 180

attcccggta gatcggggaa atcgtgtcgt ttacggtggt gcaaccagct ttcgccgcaa 240

gttgagcatc ggccgttttc ggctgaggaa gacgagacga tcgcacgtgc tcacgctcag 300

ttcggtaata aatgggcgac gattgctcgt cttctcaacg gtcgtacgga caacgccgtg 360

aagaatcact ggaactcgac gctcaag 387

<210> 11409
<211> 390
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-114-Q1-E1-B5

<400> 11409

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agaaactgga cagtgattag caaatctatt cccggtagat cggggaaatc gtgtcgttta 180

cggtggtgca accagctttc gccgcaagtt gagcatcggc cgttttcggc tgaggaagac 240

gagacgatcg cacgtgctca cgctcagttc ggtaataaat gggcgacgat tgctcgtctt 300

ctcaacggtc gtacggacaa cgccgtgaag aatcactgga actcgacgct caagaggaaa 360

tgcggcggtt acgaccatcg gggttacgat 390

<210> 11410
<211> 252
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-084-Q1-E1-E6

<400> 11410

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ccatggagtc ctgaagaaga cgagcagctt cgtaggcttg ttgttaaata cggtccaaga 180

aactggacag tgattagcaa atctattccc ggtagatcgg ggaaatcgtg tcgtttacgg 240

tggtgcaacc ag 252

<210> 11411
<211> 410
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-111-Q1-E1-B3

<400> 11411

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caccgaagat atcactagag ctactcgtct tctcgacaac gagattcgaa ttctcaagga 180

agacgcgcaa agaacaaatc tagaatgtga ttcttacaag gagaagatta aggagaatca 240

ggagaagatt aaactcaaca agcagctgcc ttacttggtt ggcaacattg tcgagatttt 300

ggagatgaat ccagaagatg atgctgagga agatggtgca aatattgatc ttgactcgca 360

acggaaagga aaatgtgttg tgttgaaaac gtctacacgg cagaccatct 410

<210> 11412
<211> 410
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-066-Q1-E1-C8

<400> 11412

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atcagcttgc ttccatgtcc accgaagata tcactagagc tactcgtctt ctcgacaacg 180

agattcgaat tctcaaggaa gacgcgcaaa gaacaaatct agaatgtgat tcttacaagg 240

agaagattaa ggagaatcag gagaagatta aactcaacaa gcagctgcct tacttggttg 300

gcaacattgt cgagattttg gagatgaatc cagaagatga tgctgaggaa gatggtgcaa 360

atattgatct tgactcgcaa cggaaaggaa aatgtgttgt gttgaaaacg 410

<210> 11413
<211> 392
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-115-Q1-E1-B9

<400> 11413

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tgtccaccga agatatcact agagctactc gtcttctcga caacgagatt cgaattctca 180

aggaagacgc gcaaagaaca aatctagaat gtgattctta caaggagaag attaaggaga 240

atcaggagaa gattaaactc aacaagcagc tgccttactt ggttggcaac attgtcgaga 300

ttttggagat gaatccagaa gatgatgctg aggaagatgg tgcaaatatt gatcttgact 360

cgcaacggaa aggaaaatgt gttgtgttga aa 392

<210> 11414
<211> 413
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-018-Q1-E1-H10

<400> 11414

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ttgatatctg gagaaagggg tttctggaaa caaggagttc ataattcgcg atcttgatct 180

atcgatcttc atttatatat aaaagcgtga atgagattat gatggagtcg aaaggtggta 240

aaaagaagtc cagcagtagt agttccttat tttacgaagc tcccctcggt tacagcattg 300

aagacgttcg tccaaacggt ggaatcaaga aattcaaatc ttctgtctac tcaaactgct 360

ccaagaggcc atcctgagta ccagcgtgca ccgatcttca taatatagtt ata 413

<210> 11415
<211> 445
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-117-Q1-E1-B3

<400> 11415

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taaaccggaa tcattcctca ctcaccacga ttggtacaca tctcaactca attcaagaat 180

catctcttct ctacacttac acaacctcct tccatggctt ctccgcttac ctcgactcca 240

ccgaagccga ttctctcctc tcctcctcaa actcaatcct cgatatcttc gaagattctc 300

tctacacact tcacactacg cgtactcctg agtttctcgg tctcaattcc gaattcggtg 360

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ttggctgaat ctagaagctt cgatg 445

<210> 11416
<211> 371
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-117-Q1-E1-B5

<400> 11416

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tcacctagtg gctagcaagt ggccgggagc ggaagctgtt ggaagtggag atcctttgga 120

ggatttctgc aagacaaacc cggctgatga ggaatgcaaa gtctatgact gaacaacttt 180

gatcatttct ttctttattt ttcaccaaaa caatactttg tatcatgagt tacttattcg 240

aaatcgtact atgcatactt gtttttctca taagattttc ttgtctgatg aacaactata 300

tgttaagact gagagaattg tatttgagaa aaaaaaaaaa aanaaaaaan aannannana 360

aanaaaaaan a 371

<210> 11417
<211> 518
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-117-Q1-E1-B6

<400> 11417

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gtcangttga aannaaaaca ataaacagtc gaaattctcc ggcgaagatg agaaccggaa 120

aaggaaatca agaggaagaa gattacggag aagaagactt taactctaaa cgtgaaggtc 180

cttcttccaa cactactgtt catagcaaca gagattcaaa ggaaaatgat aaagctagtg 240

cgatacgttc taaacattcg gtcactgagc aacgtagaag aagcaaaatc aatgaaagat 300

ttcagatatt gagagaacta attcccaaca gtgaacaaaa acgtgacact gcttcattcc 360

ttttagaggt gatagattan gttcaatnat tacaaganaa agtgcaaaag tntgaaggnt 420

ngtatccang ttggagtcag gaaccaacaa agttgacgcc atggaggaat aatcattggc 480

gaattcaaag tttggggaac cacccagtag ctataaat 518

<210> 11418
<211> 419
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-117-Q1-E1-B8

<400> 11418

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tgattttcac ggtcttatca gccccgtgcc taaagggact ccacttcctc ttgtcttact 120

cgggaagtcg aagaatgcgc tcttgtctac ctttttgttt cttgatcaaa tcgtctggct 180

tggtagatcc ggcatataca agaacaaaga acgaactgaa ttgcttggac gtatatcact 240

tttctgctgg ctgggatnat ccgtttgtac aagtgcagtc gaagattggt gagcttggaa 300

ggntctcttc atctatgaag aagatggaaa aggaactcaa agctgatgat gagctgtatc 360

gtgctaagct tcagaaatca aacgacagaa ctctagcttt gattaaatca agcatggac 419

<210> 11419
<211> 498
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-117-Q1-E1-C1

<400> 11419

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ccctatcgaa aacacattat ccttccccgg cgnacttcaa cgtngccggc gaggaagatc 180

ctctactccc acgcaattcg caactcctcc accaccgcct tcacgtctcg catcatccaa 240

ttccactcct ccaacatctc gtccttccgc cgccagatct aaaggaagaa atggacacgg 300

aggtggcggt ggtggcggtg gtggcggaga ccaaggacgc caatgtccac tgacgagcca 360

ctgccttctt ccgatgacgg tgaagaagac ggaggcgacg atactactcc gactttcgtt 420

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ttcanagaaa ctagagaa 498

<210> 11420
<211> 465
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-117-Q1-E1-C2

<400> 11420

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ttcctggact cggcaccaaa gattgtctca ttccttgatc caagatggct gggaaaacgg 180

ttttggtgga caacaaagat tttctcaagg aactggaatg agaagagcga tgaatgaagg 240

tcgagatcac aaaaccataa taataaaaat gtgatcataa aataaaagga agacttagag 300

tttgatctaa aataagaaga tgtggtttan tttgtgtcnt gcnangtgtg tgtgcncctt 360

tcctttgtcc ttgagcctaa aagttaaaac tccnagtcna tatggacctg aataaaaata 420

tttccaccac cttgaggttt tggtgtttgc ggttatggac ggttt 465

<210> 11421
<211> 511
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-117-Q1-E1-C4

<400> 11421

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gaattttgat tttgagtttg ctcataatga gtctggtcat ggcacaagtt caagtagaag 180

caaagatctg ctgcccttcc aaccaagcta gaaatggcta tagtgtatgc cgtataaggt 240

tttccaaggg aaggtgtatg caagtgagtg gatgccaaaa ctctgataca tgccctcgag 300

gttgggtaaa cgccattctc gaaaactcag ctgatgctac caatgagcac tgcaagttag 360

ggtgtgaaaa cttctgtgtg tggtgccatg aacaccctca agaaccctga ncaagttaaa 420

atgtaaagga ncctccggac aatgttccaa nggatgttcc aatttccgta ccaagagcta 480

tgtaatccca cctgggccgc ctaaactgtt g 511

<210> 11422
<211> 477
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
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<400> 11422

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aagggttttt gcttttcggg tttagctaag aaaaatcttt caatcttcct taaatctttc 180

aaaaccccaa aatgggacct cgttgctcta agctctctct ctgttggtgg ccgacccatc 240

tcaaatcaac tcacaacgaa gcttctgatc tagataacgg aacggacgat ttgccgtcgt 300

ttacggagtt tagtttcgac caactacgag ctgctacttg tggattctct acagacagta 360

ttgtctccga acatggtgtt aaagctccna atgttgtgta taaaggcaga cttgaagatg 420

accgatggat ccngttaaac gattcatana ttcgcttggc ccggaaaccc nnaantt 477

<210> 11423
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<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-117-Q1-E1-C7

<400> 11423

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ggcgttgcag gcagagcact ttgaagacnt ggggaggaan agaggagaat gtgaagaagg 120

ctcaagaacg ttcttggtca gatgcanagc tanctctgaa gna 163

<210> 11424
<211> 508
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-117-Q1-E1-D1

<400> 11424

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caactctatc tctctcaatt tcctcatctg ggtcttcctc gtttgctccg cttaagcacc 120

atgaaggtca ccgtcgtctc ccgcagcggc agagaagtcc tcaaagctcc ccttgacctc 180

cccgattcgg cgactgttgc tgatctgcaa gaagcgtttc ataagagagc taagaagttt 240

tacccgtcga ggcaaagact gactcttccc gtgactcctg gatcgaagga caaacctgtt 300

gtcctcaata gcaagaaatc actgaaggag tactgtgatg gaaacaacaa ctccttaact 360

gtagtcttca aagacctggg ggcacaagtt tcctaccgca cactcttctt cttcgagtat 420

cttggccctc tccttatcta ccctgtcttt tactacttcc ctgtttacaa gtttcttggt 480

tatggagagg actgtgtgat tcatccgg 508

<210> 11425
<211> 481
<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-117-Q1-E1-D11

<400> 11425

nnnngnnnnt tngnaagctc tacgccgccc anacacnggt canggnntcn cgggncgaca 60

nacgcntcna aaatnantcg tantataata aaacaaaaaa atatcttttt tttttctaat 120

aaaaaaaaaa taataaataa atatgagata cacaaatgtg tccattttat taggcatgtt 180

ggtgatcttt gtttcaccaa tggtgttcgc agatgatttg acaccaatcc cagagggcaa 240

accccaagtg gtgcagtggt tcaataccca cgttggtcca ttggctcaac gtaaaggctt 300

agatcctgct ctcgtagctg ctgaggctgc tccacgtatc atcaacgtga atccaaaggg 360

aggtgaattc aaaacactaa cagacgcaat aaagagcgtt cccgcaggga acacaaagcg 420

ggtgatcata aagatggctc atggtgagta cagagagaag gtcactatcg acaggaacaa 480

a 481

<210> 11426
<211> 495
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-117-Q1-E1-D2

<400> 11426

ttgangcctc ctggccatnc cgcccaatng aaangcctgg tttngggntt tttngccttc 60

cggctttaca attcctaaac aatttagcct tatnccgaan gaaatccngg tgatnttgac 120

nagaatttgc nngatttggg tggtttaagt tncaaagccc tcaagaaaat tgtgatctcc 180

aaggctcaca aaaggggat aagatcaagg gttcactatc ggggaaagtt aactgatgga 240

actgtctttg attcaagttt tgagagaggt gaccctattg agtttgagct tggaactggt 300

caagtcatcc caaggatggg accaagggtt attgggaacc ttgtgttngg tganaaagan 360

aaagttngaa atccccatcc aaagccttgg gttatgggtg attacggntc nncaccaaaa 420

atcccggggt ggggcnacac tgatattcna caccgaacct gttgctgtta acggagaacc 480

atccagcgaa gcgaa 495

<210> 11427
<211> 341
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-117-Q1-E1-D3

<400> 11427

ggnattanan ncagnancct ncnattgttc gncncgtcag gcctactcgt cctgataang 60

gctcgtcgtt tgggttacaa ggccaagcan ggctttgttg tgtaccgtgt acgtgtgaga 120

cgtggtggac gcaagaagcc aattgcctaa gggtantgtg tatggtaaag ccaacaaacc 180

aagggaagtg acacaactca agttccaagc gtaacaaagc cgttccgttg cctgaaggaa 240

ccttgctggc aaggaaaant tgggttggtc tcaagaantt gtcaactccn taactgggct 300

caaatgaagg attccgacct acaaagttac taacgaagaa t 341

<210> 11428
<211> 502
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-117-Q1-E1-D5

<400> 11428

gnnannttaa nanccntang ntcnnaacaa nacataggnc ncgtngtncn ttncaanncc 60

ctanantgag tcgtattagc ttttggaacg atttacgaat ccagatttgt tgaatcgtca 120

caagcagact ccgttaatgt tggctgcgat gtatggaaga atctcttgtg tgaagaagct 180

agctgaagtt ggagctaata ttttgatgtt tgattctgtg aatcgaagaa catgtttgca 240

ttacgctgct tattatggac atgctaattg tgttcaagct attctctctg ctgctcaatc 300

aagtcctgtt gctgtccatt ggggatatgc gagatttgtg aacataagag atgataaagg 360

agcgactccg ttgcatttag ctgctcgaca gagacgacct gaatgtgtga atgttttgtt 420

ggatagtggt tctcttgttt gtgcatctac tagtgtatat ggttctccaa ggaagcacac 480

ctcttcattt agcagctaga ag 502

<210> 11429

<211> 428
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-117-Q1-E1-B2

<400> 11429

cnanattcaa cnaacgccaa aaggtttccg nccgccaagg ccgntancgg gtttccttcc 60

nattcttaac nttnaactnc aaattaaatt nggaaaatcc tccttgatnc ccnatgacaa 120

gggattcaaa ggactgtatt tgatctacca gaagagatcg cgaaagagct cctagagaaa 180

gatgtccccg aaggcaacag tttatccatg ataacaaagt tacctccact tcaagatgac 240

ggaccatcta gtgataacta cggacggttc tctagcagag acangatgcc taaaagaaga 300

agaagttcca aaaggtcaan aagcgtaaaa gaagatnatc acnaagccnt nataattggg 360

gaagtnatga tgacagaagt aataaaaaga ncaatggtgg aagaaacaac tggtcccgaa 420

gtggtaat 428

<210> 11430
<211> 487
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-116-Q1-E1-H11

<400> 11430

nngnnnngng nnngtanttc nacgccggtt tgtaccgncc acnaattccc gaggtcgacc 60

cacgcgtccn atgagcttaa gctcaaggct ctcaangaaa agagcacatt gctcactacc 120

ctttaccagt ccaccggttt gggccaacag caaaacggtt tcctcaactg caccaaatct 180

aacggaaaga tttactttgg ttctggtgtg aaaggcgctc ctcaaaccgc tgaatacatc 240

acaaccgttt tccgtaaccc gtacaatctc tctgtggtcc agatcagcat gcccattgtg 300

gcacctggac tcggggtctc cggttaaggt tcctccacca ccacccatgt cttcaccacc 360

ggccccatct cccaagaagg gtgcagccac tccagctcca gctcctgctg atgaanggga 420

ttatgcagat gctcctcctg gtttagctcc agaaaccgca cctgcatctg caacatcaga 480

aagtgat 487

<210> 11431
<211> 490
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-116-Q1-E1-H3

<400> 11431

anttctacgc nnccggtgcc ggtcanaaat tcaangggnc gacgacgcgt caanggacga 60

cgtgggccgg ngttaaaagc ttcggtggng gncncttgac ttcncngana aaaagaaaag 120

gaagctgagt cncattttag attcagctca cgaggaagtg acgacgatgt ctcattctag 180

aagactttcg ttggaacctg ctatagattc aatcactggt cgatttcgtg atttacagag 240

aaatgatgat gacgtcaaca aacctgattt tcgagaactc gatctaggtt ctcctgtttc 300

taccttaatg ccacgtggct ctgcttcttc ttccgctgct gcgactccta ctagcagctc 360

tggctcttct ggctctgctt ctggtaaacc gtcggtgagt tctcagatgg ctaaacngtt 420

agatgatgcc tacaagantc attcccgggg aactttcaan ccccggnttc ggaatgccga 480

caacaaccng 490

<210> 11432
<211> 466
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-116-Q1-E1-H4

<400> 11432

tgtgcccntc aagnntcana ggttcncggg ccgacncacg cgtcnagtan tcnnaanann 60

ttccctgcga cgcacccaac ctccgtctct ctctctctca gatcggcggc catctccgtc 120

gagtaattga aatctctctc agccgttgga ttcgaattcc gccgcatctt catatacctc 180

gtttcaatcc tgcggaaccc tagttgctct gaattgtggt ttgctactgt gataagttct 240

tcagtggtag attaggaagc accaccaatg gagattgtgt aagacatatt cattacaagc 300

tctcttttaa ggattatggg gtctgtttgc tgtgtggctg caaaggacag aaatgttcca 360

gtggagctat tgataattca gtgtgttcac atgcnggant ttncncggac aacaggangc 420

gtgttctgnt gagattaaaa ttctctaatc anangttgga gnaatg 466

<210> 11433
<211> 486
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-116-Q1-E1-H6

<400> 11433

gttcagcggc ccngtaacgg tcacaggact cnngggcccg acccacgcgt canaggaatc 60

tgcgtgttgt ttgaaatagc aacatcattt aacagctagc agataaagtg gagttttctt 120

tcagttctgg ggtttgaaag gtgagtatgt ttttgagtgg catgtaactc cggcagtgga 180

gtttgggtca gccaaaagca gttgttggcg tatacataaa agtaggagag ttagcaaaga 240

attcatcatt tctatcttgg ttatttgtgt tgtgcaggtg tgcttatatg ggtcatgatg 300

gccagcctgc ttctatctcc tgatttctcg tgtttgatcc ctgaagttct acttctgaaa 360

atctttactg atatattgtg tataattgct agaaatcctc aattcctctg aaacttggtt 420

ttgcacaata atanggtgat tgcattgaca gagggaantc ttgcaactgc aaagcaaaat 480

gagatt 486

<210> 11434
<211> 494
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-116-Q1-E1-H8

<400> 11434

tccnngtngc ccntcaaagn ntcacaggat tcncgggccg acncacgcgt cnaagtattc 60

ttaaaagcaa ccattggtgt gattgactct ataagagaat tcgtcagcgt gaagcaatct 120

ccaatctaat cgcagcatat cttctccgat tcctattcgt ctctgcaatt gaatcttccg 180

gtaggcgaag atggcgacgt ctgcgaggat ttgttgcgga ggaggaagtg catgcgccgt 240

tcgttgtgat cgtcgcacgt taaatttgaa ttctcgatcg tcatgtgttg ttccagtgac 300

gaatcgacgg aatatgtgtg cgatcgggaa gatttcgatg tcgatggagg atttgtcacc 360

accgtctgcg gcggtgaaga ttgaaaggat cggtggaagg gaaacgcggt ggatntgttg 420

tgtccaaggg aagaanctan atgtngtggt tganaaattc ggtgggttga aattcgtgaa 480

agaatcttaa aaga 494

<210> 11435
<211> 55
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-116-Q1-E1-H9

<400> 11435

ttgctttctg naaaacnttt tcgaattttc aaaacaacat cccttgattt ggcat 55

<210> 11436
<211> 483
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-117-Q1-E1-A2

<400> 11436

ccgncanngn ccaagggncg nngcacnccn cnagattnac tcctataanc cccnaaaggc 60

aangtcctnc ggtgtgatgt gacggggaag gttttaatga aatgttncct tncgggaatg 120

cctgatttga agttggggtt gaatgataaa attggtcttg agaaggaatc agaaatgaaa 180

tctcgcccag ctaagagtgg taaaaccatt gagcttgatg atgtcacatt tcaccagtgt 240

gtgaacctga ccagattcaa ctccgagaag actgttagtt ttgtaccacc ggatggagag 300

tttgaactga tgaagtatcg aataacagag ggtgtaaatc cgnccttccg tgtataacaa 360

cnatcnaaga actggtcgta cacgtntgga agtnaatgtc naggtcnaaa gtgtgtttgg 420

tgccaaaatg tttgcccctg gggtcgtggt taaaattcca gtgccaaaac aaacagccaa 480

gac 483

<210> 11437
<211> 492
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-117-Q1-E1-A3

<400> 11437

tanccggnnc ggcncgcctc acacagtcaa aggactcccg ggncgaccca cgcngncaac 60

ttntnaattt ggttnctncc nacctnanaa ccnccntgtt gaacctncaa ttncgttttt 120

tngncnaatt ncgancncga ttttgacgat tcgttttgtt tgtgatctga ttttgagttg 180

tttctccatt acgcttggat tttgacgttt tagatctcaa aaggaagtac gatcatggag 240

gaaggttgca actgtgttta ctcaaggatg gcctcaaaat tcagcattgg tttattgatt 300

attttggcga tcgttcttct aatggttcgt gtactgtatg ttatataccg atgtggcaaa 360

ccacttccaa aaggagcttc acagtctttt actactctta ttgttcttgg ttctgggggа 420

cacacagcag agatgttgag tctcctctct gttttgcggg aaggatagat ttacaccaaa 480

ggttttacat tg 492

<210> 11438
<211> 506
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-117-Q1-E1-A4

<400> 11438

aangttacgc cnccggtagc cgtcaaagaa ttcangggtc gacccacgcg tccgatttgg 60

gcttagcttt ttcgtcccca aatattgcgc ttcatcgaga ttgctagggt ttctcctctt 120

cgatcttcgc tgctcatcaa catctattga ttcaattttc gtgctattgt ttccctctct 180

gatttcttaa tcggaaattt cgtctcgatt cgattcatta ggttccatca ctcttttctg 240

atcggtgaaa ggaggagaag acctgttgtt ttcttatgta agtgattctg atattcgtta 300

tctgttggct ggtttgatga ggaagaagcg gaaaggtagt gaaactgaag ggtgggaaaa 360

attaacaaat gaattancat gttcaactgc atcacgatna accaacttca agncccactt 420

ttcactaaaa gggtatgcna aacttaagaa acggtgttag gagactgaaa ctgtcnantc 480

ngttgggtcc cttaaganac gaaatg 506

<210> 11439

<211> 517
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-117-Q1-E1-A6

<400> 11439

ngnnnnnnnt tnaacttctc acgccgcnca gtaacggtca cagaattccc ggggncgacc 60

cacgcgtccn ctatttttctc agtctctctc tcagataatg gcaatgttgg gcttggtttt 120

atctgttctt actacaattc ttgcattgtc tgaagcaaga atcccaggag tttacaatgg 180

tggtggttgg gaaactgctc acgccacttt ctacggtggc tctgatgctt ctggaacaat 240

gggaggagct tgtggttatg gtaacttata cagccaaggc tatggtgtga acacggcggc 300

tttaagcacg gctctgttca acaatggttt tagctgtggt gcttgttttg agctcaaatg 360

tgctantgat ccaaaatggt gccaatccgg taatccttca atcctcanca atgcgaataa 420

attcngtcct ccgaactttg ctcaacctaa tgacaatggt gggtggtgtt aacctcccaa 480

aactcaactt gatcttgcaa tgcctaaggt tcccaaa 517

<210> 11440
<211> 502
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-117-Q1-E1-A7

<400> 11440

tnngnanntt anaacgntna cncgccgana gcggtcaaag anctcccggg ccgacccaan 60

cgtcnacgat gaaaagaaat tgtttggtgt taccactctt gacgtcgtca gggccaggac 120

tttctatgct ggaaaggcaa atgtcccagt tgcagaagtt aatgttccgg tgattggtgg 180

tcatgctggg gttactattc tccctctctt ctctcaggca actcctcaag ccaacttgtc 240

aagtgacata cttaccgccc ttactaagcg tacccaagat ggaggtacag aagtcgtgga 300

ggcaaaagca ggaaaaggtt cagctacatt gtccatggcc tatgccggag cattgttcgc 360

tgatgcatgc ttgaaaggac tcaacggtgt tccagatgtc atagaatgct catacgtgca 420

atctacaatc accgagcttc ctttctttgc ctcgaaggtg aggttgggga agaatggtgt 480

ggaggaggtt cttgacttgg ac 502

<210> 11441
<211> 521
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-117-Q1-E1-A8

<400> 11441

ngnnnnnntt naacttctca cgccgctcgg tancggtcac agnattcccg ggncgaccca 60

cgcgtcnaag aatggctaga tactcaagaa ccgcgagtct cataaccata gttagagacc 120

gcgggtcagg agaagttaaa accgaaggca gaataaacta caccgtggac aaaaccgaca 180

gagataatct caaagctggg cttagagagt cgctaaggat actaatagca gctggagcag 240

aggaagtggg aactcacaga agcgacgggc agagactaat atgcaaaggt gtcaatgaga 300

attcgatcca agagttttta gactcggtga gtacagagga aggagcaaag ggaatgactg 360

agaaatggaa cgtttataag ctcaactcat cagatgggaa gctgtnnaat tggngaaaat 420

gaaaaagaaa gtgcaatana tttgaatgga naaaatttgg aaanaaaana atttgtttgt 480

ttccaatgca attgcnttgc cnaatgccgg ttggngtnaa c 521

<210> 11442
<211> 488
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-117-Q1-E1-B11

<400> 11442

ngnnnngggg ngggnnnttn gnagccnaag cgncgaccng gtcaggcnct cgcgggncgn 60

nncacgcntc taaaatggtt catctgntgg agaaaagctt cgagacagag aacaagctag 120

agcctgaacg caagactcag cttgccaaga agcttggtct acagccaagg caagtggctg 180

tctggtttca gaatcgccga gctcgttgga aaacaaaaca gcttgagaga gactacgatc 240

ttctcaagtc cacttacgac caacttcttt ctaactacga ctccatcgtc atggacaacg 300

ataagctcag atccgaggta cttatacatg ggactattat ttatctcaac aagattacaa 360

attgaatgat ttaccttaat tggtccaaag gagaaaaata aaanaagcat caagtgaaaa 420

gagaatatgc ttttcctatt tttcaacaca agctgataga gagaatccca tccatccatn 480

tatatata 488

<210> 11443
<211> 487
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-117-Q1-E1-B12

<400> 11443

ntgnnggttn ngtaacttcc acgaagnnca cgcgnccgtt acaggtcana ggnctcgcgg 60

gncgacccan gcntcnaccc acgctncngc ggacgcgtgg gatttgttgt gttcccggcg 120

acttctactt ttcacctttc ttctcggcgt cgtctaattt ctagggttcc cctgtatttc 180

accgtcanga gcaaatccaa catgtcgtcg ctgcgtaatg ctattccacg gcctgctcat 240

aatgagcgat ctcaaccgga agcgaggaat aggtttggca tcctcgagaa gcataaggat 300

tatattatcc gagctnatgc ttatcacaaa aagcaggaaa ctttaaagat acttaggcan 360

aaggctgcat tcaagaatcc agatgaattc aactttaaga tgattaatag taaaacagtt 420

gatggacgtc atacaccaaa agatgangta aataaatact ctgcggaaga gcttaagant 480

atgaata 487

<210> 11444
<211> 203
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-116-Q1-E1-H10

<400> 11444

aaccggagga aacgaatccn tgggnctcct ncgcaacggt aancattggt tggggtgaaa 60

aantcctgaa tgaaggtggt tgaacggtca agaaaaaccc ccattgcttc atgcaaaggg 120

tttaagncan tttaagaggt agatttaagg taactttcct aacggggaca tttacgtttc 180

caatcctaat ncgtgggaca nac 203

<210> 11445
<211> 423
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-116-Q1-E1-E5

<400> 11445

gctctctcgt gtctgcccaa ccctccgcta taatcgtatc tggtctgctc atgcgcgtga 60

aatgccacgc gccaccctcc ttctcctcca acccaacttc ttccactctt cccccaaaac 120

tgctcttgtg aatcgtctcg atgttacttc atcggagttt tcttccatgt tccgtcggag 180

cttccacgct ttacgcagca ccgtaggaga ctggagaaag cttccgaaac cgccgggtca 240

ggtttttgcg gagaggagag aatacaggaa gattagaagg agagctccga agaagaaaca 300

ggaattggag cttagtgtta gtatctgcat cgaagaacag cttcctgatg atttcgagat 360

tcagaatatt gcagaaatgc ttcgtcccaa tgtactaang caatgacatt ggctttcaat 420

ggt 423

<210> 11446
<211> 422
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-116-Q1-E1-E6

<400> 11446

gcccacgcgt ccgcccacgc gtccggtcag caacagtctc agcaaccaag cagtggtggt 60

agctcagccc caccaacaga taccacaggg tacaattact accagcatgc ttctggttat 120

ggccaagctg gtcagggata ccagcaagat gggtatggag cttacaatgc ctcgcagcaa 180

tcgggatatg gtcaagctgc tgggtatgat caacagggtg gttacggcag caccactaat 240

ccaagtcaag aggaagatgc atctcaagcc gctccaccat cgtcagctca gtctggacag 300

gctgggtatg gtacaactgg tcaacagccg cctgctcaag gtaatactgg tcaagnaagg 360

tatgganntc tccaacttct caggctggtt acagcagcca gccagcagca gcttacattc 420

tg 422

<210> 11447
<211> 489
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-116-Q1-E1-F10

<400> 11447

nngnnnnngg nnnngnaact tctacgccgg nntgtaccgg ccccacaaat tcccanngnc 60

gacccangcg tccagctcgg cttcttgatg aagaaaatgc attctcagct accacaacca 120

cccttggctc aggttcaggt tccaccggaa ttggttttgg tgcaggaaca gggtcaagtg 180

gttcaggttc cacgggattc ggttttggtg caggatcagg gtcatctggt tcaggttcta 240

ctggaagcgg tctcggtgca ggtacagggt caataccatc aagtggttca ggtcctggtc 300

ttctaccaac tgccagttct gttcctggtt ctttagcggg tggtggttca ggttccttgc 360

ctaccactgg ttcagccact ggtgcaggtg caggtaccgg ttcagctctt ggaggtggtc 420

caggtgctgg ctcagctctt ggtggtggtg cgggtgccgg tccanctcct ggtggtggtg 480

ccggttgcc 489

<210> 11448
<211> 486
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-116-Q1-E1-F11

<400> 11448

tgnnnnntgg nnngtanttc cacgccgnnn tgtaccgccc ananattccc naggncgacc 60

cacgcgtcca nngtttttca tgggaaaggc tgtgttacca ggaagagaag tgcctgcagt 120

gttcgatcac agagccaaag gatattcatt gaccattcgt ccagacggta acccttacac 180

cagctttgta ttttgcgttg tggtttcccg taaccaaaaa agtgataaaa ccattcctcc 240

ctcactattg tggcgtcgca tcatagctca agatgagggc tatcccgttg aggtctggaa 300

ccgcatagga gatgtcttca aatatcgaac ggaacatcta ttaatatttc acttcgactt 360

tctagaattc gacaacaggg atatagtgtt cgaattcagc agcgaatccc acgacttcga 420

cattattgaa tgtggtgcta aagtcttggc cgaaaagagc atcaaagaaa gctatgaatc 480

tgggtt 486

<210> 11449
<211> 502
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-116-Q1-E1-F4

<400> 11449

nngnaanttt taaactctca cgtgnccgtc aaagnattna acgggncgac ncacgcgtcc 60

nagcgccaag ctcaaatgca gcgtagggac cctaatcatc cttctcttgg cggtccaatg 120

aatgctattg gttctgaagg gatgattggg cagtctaatg ctagtgcttt ggctgctaaa 180

atgtacgagg aacgcatgaa gcagcctaat cctatgaatt ctgagacatc ccaacctcat 240

cttgatgcaa ggatggccct tcttaaatca gcaacaaacc atcatggtca gattgtccaa 300

ggaaaccatc aaggaggtgt ttcggcagcg ctgcagcaaa ttcaatcacg aactcagcag 360

cccactgaaa tcaaaactga agttaatttg ggtacatctc caagacaact gccagtggat 420

tcttctacaa tttaatggca agggaattct gcaatcaaac ctggggatgg ggaatgcagg 480

attaaaccct ggaatnaant gg 502

<210> 11450
<211> 431
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-116-Q1-E1-F5

<400> 11450

acgaggaaag ccaaagagag agagagagaa acaaaaatgg cgtcacagag ttgctacaat 60

ggaatccatc gtataaaaag ggttcatcct ctgattcact ctctcacatt tcatcgattc 120

tcctcatctt ctcttccatt caaatctcac attccctctt cacaacaaca gcttcgtatt 180

cgctcatctt cttcgctttc tgatcttgga aatcgcaggc attgttcgtc tactcgagga 240

tttcaatttt ggtcatacaa gagaagcgaa gcagcgtcgc cgttcaagac gaggtacaga 300

gaaaacgaan aagaagaaga tatgacgatt aaaccggcgg ttcgtatttc cgacgggaat 360

ctaatcatca aaaaacnggc gaattctaac cggtgtacca gataatgtca tcacgacgtc 420

agcatcggaa g 431

<210> 11451
<211> 410
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-116-Q1-E1-F6

<400> 11451

gttcttccga cttgtttaag ataatttttc gactttgttc ggatcttttg tagccttttg 60

cagctttgaa acccagtttt tttgaagctg taaaattcca ggagtttaga tggattcttg 120

cattgttgga tggttgatta gtctaccaag agaaggtaaa tccccgcttg tcctaataga 180

tcgttaaaag cgtcggttct acttttggtt gattcaatca agtggttgcg gttgatggaa 240

acgaaatatg aagatttgga gttctcatcg tgttttgatg attctctcaa gaatattttg 300

gatctggtca actgaggtca aatttccggt gagcgagttt aaatccaacc aattcttccg 360

gtgatnaatc ccaaaangna ataagtacca taanaaggca aaaggagtga 410

<210> 11452
<211> 273
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-116-Q1-E1-F7

<400> 11452

aaggagaaca agaacatttg gatacagaag aattgacaca aacaactacc ccatgacaca 60

atacacattc ttgttgtatc ttcttctttt ttcacacgag attattcttc tatgtaacca 120

tggcgaataa ttattgtaaa gtctatacgc acgcagctat atcaaaagat ataagcagta 180

tctatatcta caagttaccg ttaggtttaa ttaaaaaaaa aaaaaaaaaa aaaaaaaaaa 240

aaaaaaaaaa aagggnngnn nnacaanagg ntc 273

<210> 11453

<211> 496
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-116-Q1-E1-G2

<400> 11453

ggnngnannt ttaaacnctc ccgntcnnga nangnccnag ggncnntgca cnncnctagn 60

ntgaatcgta ttataagaaa cctccttaaa gaacaaagaa aaaacttggt gaaatcgatt 120

ctcttcaaag atcgtcttcc taatcacttt caacaactcg atcaatcctt actgagacga 180

tgccgaagaa caaaggaaag ggaggaaaga acaggaagag aggaaagaac gaagctgatg 240

acgaaaagcg agagcttata ttcaaagaag atggacaaga atacgcacaa gttcttcgta 300

tgctcggtaa cggtcgatgc gacgttatgt gcattgacgg tgttaagcgt ctttgccata 360

tccgtggtaa gatgcataag aangtttgga ttgctgctgg tgacatcata cctgttggnc 420

caagagatta caaggatgat taaancgatg ttatacccaa gtatagtcga tgaggctagg 480

cttcttaagg cgtatg 496

<210> 11454
<211> 503
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-116-Q1-E1-G3

<400> 11454

aacttctacg ccnnccggtg cccgtcanan aattcaacgg gtcgacgcac gcgtccaccc 60

acgantccgc tttgtcgaga acaagatggg tttcagttga anaggatcaa acagttcact 120

gatattccct cagaatccga gtgggagaga aaagaaaccc ttccaccttc gaattggccc 180

ttccatggca atgtacatct cgaagacctc aaggtgcgct acagaccgaa cactccactt 240

gtgctcaagg ggatcactct tgacatcaaa ggaggagaga aggttggtgt ggttggacgg 300

acgggaagcg ggaaatcgac attgatccaa gtcttgttca ggcttgtaga accatcagga 360

gggaagataa tcatagacgg gattgatata agcactctan ggctacatga tctcaagtca 420

aagattcgga atcattccgc aaagaaactg tcctcctttg aanggaaccg ttaanaanca 480

acatcgaccc cgacagganc aat 503

<210> 11455
<211> 487
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-116-Q1-E1-G4

<400> 11455

nnnnnnnttt naacnnctca cgcgggtcat gtaancggtt caagggnccg acggaccgcg 60

tncgaccaan cctncnccgg cccctngggt taaggaaatt tncacanttt ncaagggttt 120

ggtgggtngg caagttagat gatcttcccg aacaatccgt tttacatggg ttggaggtat 180

ccatgaggtg gttgcaaagg cagagaagat cgctaaagag tcagcagctt aagagattga 240

ttcagatctt gcatgcttaa tacttctctt ttttttcctg acaataacga aaaaaaaaaa 300

ccaatgcgtg cgactctccg accaaacgga atctgagttc cgtaattata gtttcttttg 360

gttcaaattc catgagagct gggcaaagat gatactgaac aagattcatt cactgttaat 420

ccaatttttg ggtgttttgc ctcctttgtt gaaataaagn tgaaaatctt gcaaaaaaaa 480

aaaaaag 487

<210> 11456
<211> 413
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-116-Q1-E1-G5

<400> 11456

atggaacata tggtagaatg ttgagtttgg ctactgatgc tttggcagag aacaaacttg 60

agaccaaaga cttatggcag gagccgaagg aacaagcttc ggcgtggaag ccttgtgcgg 120

atcaacgttc tttgactcct gacgatggca aaaatggata tattatggta actgcaaacg 180

gagggattaa tcagcaaaga gttgctgtat gtaacattgt tgttgtagct cgattgctca 240

atgcggctct cgtcattccc aaattcatgt taagtgacgt ttggacagat gcaagtttgg 300

agatatctac caagaggaac attttatgga gtacttgtcg cccgataatc cgataattaa 360

agnaccaaca aaaagagctt caacctctna accttgaaga atcgggtacg tct 413

<210> 11457
<211> 481
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-116-Q1-E1-G9

<400> 11457

ngnnnntgnn nngaanttna cccgncctgt accgcccana aattcccagg tcgacccacg 60

cgtccgattt gtanagcgat tcggtctttt gttaacccgg aaaatcaagc ttggtgtctt 120

cctcctcaca ctcgtaaagt cgcaatgccc gatacacgaa ctctgtacac ggtgctaaga 180

tcgcctcacg tcgataagaa gtctaggaga acagtttgag atgaggttca ngaaacggtt 240

tcttgtcatc aaagctcana gtcatgactt gagcangaag ctgttttggt taaaacgtta 300

tcgtattctt ggagctcaat atgaactcca gttccattgc aagacccgtt tggatatgac 360

tcaagtgtta ggcaacatca atgggtccac caccaatgct tactgagatg gntaaagaca 420

tcattttgta naagtttcaa gacccatccg ggtactaagc aataattttn aancttacgg 480

t 481

<210> 11458
<211> 493
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-116-Q1-E1-H1

<400> 11458

ngnaanttta cctgnccggn gccgtcaagg antnnagggn cgacgcacgc gtccacggta 60

aaangttcta tggaaccata ccgggagatt gtatgcgaga ttgcttgtct ccaaaacgtt 120

tctctctcga ataattactt cactcaggtt ggtccgaaat gtagaaaact catcaagaga 180

aaaattatgg acgttagtat gaattgtata cttgatcttc caaaccagaa acgccatcgg 240

agtgtgctaa gttcttcatg cggaaacaga cttgtcctaa ttccaagtct ttgtttactg 300

tcccttgtga taagaatcca aaccggggta aaccggatca agaacgattg gaggaggaaa 360

aagctcaagt ttctcatccg gtaacttaca acacacttaa cccggaccgg cttcggaatc 420

ctataacccn tgggcgtttt ttcctaacaa gttacgatat atatatatat atatatatag 480

ccaaagccaa ntt 493

<210> 11459
<211> 509
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-116-Q1-E1-E4

<400> 11459

nnnnngnaac gtntacgccn nccngtgccg tcanagaatt caaggggncg acgcacgcgt 60

ccnacttttt acgtcaagca atgggagggt tctgatncaa nctacatcca agcancaaga 120

gcatagatta agattcgaat ttcatcccta accaaccaga agaaataccc gtgattgatc 180

tctcgcgcct cgatgacccc gaagatgtcc aaaacgttat ctcagagatc ggtgatgctt 240

gtgaaaaatg gggatttttt caggtgctta atcatggtgt gccttctgac gcaaggcaac 300

gtgtggagaa gactgtgaag atgtttttcg atttgcctat ggaagagaag ataaaggtga 360

agagagacga tgtgaatcct gtagggtatc atgatggaga acacaccaag aacgttaaag 420

attggnaaga agtgtttgat aattaattca aaagattcaa atgggncatt ccntcaaaca 480

actgatcctg aagatgaagg cttaagact 509

<210> 11460
<211> 453
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-115-Q1-E1-D2

<400> 11460

cangncnagn gggncgagca gcccncnata ttaattcgta gaaggaatga aaanaaaagg 60

aanccgtgtc cctggnattg gtcacaggat aaaggagcag agacaacaga gacaaaagag 120

tggagctgct tcagaaattt gcacggtcta acttccctgc agtgaagtac atggaatacg 180

cagtccaagt ntagacatac acactgtcta aagccaacaa cctggtactc aacgtcgatg 240

gagccattgg atctctcttc ttagaccttc tcgctggaag tgggatgttc acanaacaag 300

agatagacga aatagttcag atcggttatc tcaacggcct cttcgnctc gctcgatcca 360

tcggtttaat cgggcacaca ttcnattaga aaanactgaa gcncccnctg ttacnanacc 420

cgttgggnaa attcttgttt accccagttt ncc 453

<210> 11461
<211> 87
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-115-Q1-E1-D3

<400> 11461

gaggtacaag ttagcgggag catcnanacg atcgttaact tccgttggag tccaaccnag 60

gcgaacgcac caggtggtct tncgtct 87

<210> 11462
<211> 366
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-115-Q1-E1-D4

<400> 11462

agcntcnaan ttgactccng gaacncaaac tgaactccgc ttctaagatc cttcgacgga 60

nagaaagata tttcagatct gatcggagag aatcattctc anaatttctc cattctaatt 120

tctctttctc ganagagtga anagagacaa canggaagga agaggaaaaa tggaggaatt 180

cttagataag ttgccgcaga tggatctgat gcgttcggag aagatgacnc ttgttcagct 240

tatcatccct gttgaatccg ctcancgttc catcacttat ctcggcgagc tcggacncnt 300

gcagtttcgc gacntaaatg ctgataanag tccctttcaa cggggcattt gcnaatcagg 360

tnanac 366

<210> 11463
<211> 518
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-115-Q1-E1-D6

<400> 11463

gnnnnnnnan ngttaactcn ccgccgcnca ggtaaaggtc acgagaattc ccggggncga 60

cccacgcgtc cncggagaga gatctgcgag agaaagagag atcagattcc ggtgttccaa 120

ggaagcacat attttaagat ccagaatcgc ctgagagatg tctaccttca gtggcgatga 180

gaccgctcct ttcttcggct tccttggcgc tgccgctgcg ctcgtcttct catgtatggg 240

agctgcgtac gggacagcaa agagtggtgt gggagtggca tctatgggtg tgatgaggcc 300

ggagttggtg atgaagtcta ttgtcccagt tgttatggct ggtgtgttgg gtatctatgg 360

tttgattatt gctgttatca tcagtaccgg gattaacccc aaggctaaat cctactacct 420

cttcgacggg atatgctcat ctctcttctg gtcctgcctg tgggctaact ggtccttcaa 480

ctggnatggg cataagtatc ctttgggnaa nccggggg 518

<210> 11464
<211> 438
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-115-Q1-E1-D7

<400> 11464

aaatcctcan ttcnctgaaa ctttgttttt gcaccatata ggtgattgca ttgacagagg 60

aagttcttgc aactgcaaag caaaatgaga tttctctatc agatgccgga gttagtgctg 120

aagcaactcc tggctcaccc gatttagagg gtgcttggga aaagacgggt ttaaggaatg 180

acccaatcca tgagggtaag ttccctgttg gaactaaagt tcaagctgtc tttagtgacg 240

atggcgagtg gtatgatgcg accattgagg cacatactgc aaatggctat tttgttgctt 300

atgatgagtg gggaaacaag gaagaggtgg atccagataa tgtgaggcca atccaagcaa 360

aatgctattg tccaancnga aaaattaact caancntcna aaattgcccc aaaaanaaat 420

ttgaaaaanc tgcnattt 438

<210> 11465
<211> 382
<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-115-Q1-E1-E1

<400> 11465

cnananggan cannccattn ccnacggtaa aggaaacaag anaaaggttg acgggaangc 60

acnagacagc tattattgac caagttctca tggggcgtgg ctaaccgtgg atgctctatt 120

cgtgtgggac gtgacaccga ngcgaaatga aaaggttact tacaagatcg ccgtccagca 180

tctaacatgg gacccataca ttgtgacctc acttttggca gagaccacac tcctgtggga 240

gccaactctt gaggctgaag cccttgcagc tcaaaagctt tctttgaatg tttaaaatta 300

gtcnaaactt tcaagaatcc gatgaacaca cgtgtcaang tgggccccca aattgtntta 360

aaantccngg tntaaaaant tt 382

<210> 11466
<211> 422
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-115-Q1-E1-E11

<400> 11466

aaatctagat cacttacaaa tgctggataa attcgaatcc agtaatggac acaaacattc 60

ccctagtgag agagcagaga tatgtcaaag agatcagaag ggtaacaaaa ggaatgttgg 120

tgatgcaaca tcagtagttt cagtccctaa gcgccggaga tcatcttctg gccatagtcc 180

ttacaagttc tcaaacagtg gtcctaaagt tcaactgaaa gcttctgaag atgagttgca 240

tctagagagt gacatggaca aaaatgtctc tttggactcg cacgatgaaa attctgacca 300

agagaaaatg ttagaaagca tctctccccg gaagagaaag aaaagcttat catcaaaatt 360

aaagattaca gaatccgaat gggccccaac gatttgnaaa ggcaaattng gtcnccaggg 420

gg 422

<210> 11467
<211> 419
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-115-Q1-E1-E12

<400> 11467

aaggtttana ttttcagagc cgagctctgc agatgagcaa ggttantctt tcttgggatg 60

aagatgaacc gcaccggatt aagaccttaa atcaganatt caatcctgaa cagttggcaa 120

atcttgagat gaaggagttt ttagcttctg atgagagtga ttctgatgag gaagacgact 180

tgggcaatga agttattaac cagagtaaaa aaaaggacaa taagaaagat aagtaccgag 240

ctttaatana agccgaagat gttgattctg ataaagacct gnaggaggag aatgaccagg 300

atatggaggt aacattcaat accggtttag aagatcttag caaagagatt cttaaaaaga 360

aagacaacca ntcaaaatcc gtgtgggaaa catatctnag gcanngacgc caaganaat 419

<210> 11468
<211> 440
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-115-Q1-E1-E2

<400> 11468

tncctggggg aattctnaat tangcctgtg aattctgngc cnatttngcc ggggcctttg 60

tttancctgn gggtnatttn gtttccaatt agtttgttaa gccttattgg tgaacaaatc 120

aanggagttg ggttcaaatc cgtgattttt gggttctgct gggctggtat cntttctggg 180

ccttgggttg ccaaatggag aaggacaana cgattaaagt gaagaaagtg aggggaaata 240

aggtgtgcac gcaaggatgg gaatgcagct ggtggtctaa atactgctgt aaccagacga 300

tatcagatta ctttcaaggt ttatcaagtt tgagcaactc ctttccaaaa ngggacaact 360

tcccaattgc tcaatgcctg gtttgggttt ctggggaact tancaanttc tttcaantta 420

nnggggtggn tggnccccnc 440

<210> 11469
<211> 502
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-115-Q1-E1-E3

<400> 11469

ttcnacctnn acggtgccgg tcacagaatt aacgggncga cncacgcgtc cncgaagata 60

agcgganaga gagagagaga cagagagaga ttcaaaaatc cgattccaga tccattcctg 120

ggcaaacaaa ggttggtgtt tctctaatct caaagctttt ttcaaattcg gaaaaagcaa 180

atcgtgggaa gagattcatc ttctctctgt gcgttcatcg gatctcggag cttttggttc 240

gtcgtcaatg gcggaagaga cggagaaaaa gtacattacg aacgaagatc ttaaaaaaca 300

caacaaatct ggagatctat ggatcgcgat tcaaggcaag gtctacaacg tctccgattg 360

gattaaaact catcccggag gcgacacggt gattctcaat ctcgttggtc aagacgtcaa 420

cgatgctttc ancgcaattc ancccggaa cgcttttgga acaantcnan aaaaatcctt 480

tacccgggtt acaaaancag ag 502

<210> 11470
<211> 523
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-115-Q1-E1-E4

<400> 11470

naactgtcta cgcctgntcg gggaccgggt ccacaaaatt aaacggggtc cgacccaacg 60

ccgtccgatg aaaattttga ggtggaattt caaganaaat ttggagggat naactggtng 120

ngatncaact ncccganttg aaatagaana ttngggncat aancgcatat ccttgncttc 180

ngtcatgtat tcncngattc gccatggaag aagtttggtc gagttacaga aatggcgtca 240

tttgagagtt ttagtgcaaa aggcgtctcc tttgtccaat tccttctcct ctgcttctgc 300

tgcgcgtttg agtcctagag ttggtcgaaa aggtaagagc tttacagtct cttacctcgt 360

tgattcattg ggtttaccca aaaagctcgc tgaatcggtc tcaaggaagg ttagcttcna 420

ggacaaggac aaccctgact ctgttctgaa tcttttgaga atcatgggtt cactgattct 480

caaatttcca ccatcnttac ngggtttcnc aaatgtttgt ngt 523

<210> 11471
<211> 433
<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-115-Q1-E1-E5

<400> 11471

gctacaactt agaaaatggc ggcggctact tcatccatcg ctccttctct ttcatgccca 60

tctccttctt cttcatccaa aacccttttgg tcttccaaag ccagaacctt ggctctaccc 120

aatatcggtt tcctctcgtc ttcttccaag tctctgaggt cgcttactgc caccgtcgct 180

ggaaatggcg ccactggatc ctcccttgcc gctcgcatgg tttcttcgtc tgcggtcaaa 240

gcccctgttt ctctcgattt tgagacatct gtcttcaaaa aggagaaagt ttctcttgct 300

ggttacgaag agtacattgt gagaggagga agagacttgt tcaagcatct cccagatgct 360

ttcaagggga ttaagcanat tggtgtgatt ggctggggat ttcaaggaan tgtccnangn 420

canaaatttt agg 433

<210> 11472
<211> 448
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-115-Q1-E1-E6

<400> 11472

agcttctcag atctctaact atagctcaag gcggaggaga ctgagatcga tcatctgaat 60

cgccgaaaca tgtcgagcga tagcaatgat cttgacgaag atgagcttct tcaaatggcg 120

ttgaaagagc aggctaagag agatctcacc tatcagaaac ctccttcatc ttctgctcgt 180

aagcctgttg ccaatttagt gcagcagcct cgacagcaga agcctgtggc tgcggctgcc 240

gctccgccga agaantctgc tgcggcggtt aggaagcctt ccatggatga ggatgaggag 300

tcggaggtgg aattgcttaa catttcgaac ggggatgatg atttggagag ggaaagggaa 360

ataggtggnt ccantggttg gtncngggaa aangaaaaag tanccatttt caaaanaaag 420

ggaaaaccca nggaaggana tttttntg 448

<210> 11473
<211> 432
<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-115-Q1-E1-F12

<400> 11473

gaaaaaaaat ggggaggaag cggaagcaca gtgagacgga agctccggcg ccggtgaaaa 60

agagcgatga gcctgctccg gatagaccca aaaggactct attgggatgg aaagataaga 120

gtgaaggtga agctgagaaa gctaaagctt tgacttcatc tggattcaag aacaaagaga 180

aggttttggt gacttgttct cgtcgtatca gtttcaggta tcggagtttg atgttgaaca 240

ttgtttcact tctaccacac tgtaagaaag acagtaaagt tgaagcaaag agtagcaaag 300

gcgcgacttt gaatgagctc attgagctta agaattctaa ttcctgcttg ttcttcgagt 360

gtaggaaaca taaagatctt acatgtggat ggtcaaatcc cctaatggac aancgttaag 420

tttttggtta aa 432

<210> 11474
<211> 385
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-115-Q1-E1-F3

<400> 11474

tctcagatcc attcancaat ctacaaagaa nanggaacca gtctcttcat ggggtnncaa 60

ctctcncgtc gccgtagatc cagagatcca cgacctaatc gagaangana aacgtcggca 120

atgtcganga atcgaactta ncgcttccga gaatttcact tccttcgccg tcatcgaagc 180

tctcggaagt gccttaacca acaantactc cgaacgtatt cctggtantc gttattacgg 240

aggtaacgaa ttcatcgatg agatcgagaa tctttgccgt tcaagagctc tcgaagcttt 300

cnaattgtga tccaacaacg tggggcctta aagttcaagc cgtatcngga tttccggnaa 360

aattngcggc ttagnacggg ttgcg 385

<210> 11475
<211> 422
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-115-Q1-E1-D10

<400> 11475

gtcgtctcca acagccaaga gaagcagaag cttgaagaat ctctgtaatc taaaaaatgg 60

gaaaggtcca cggttcattg gctcgtgccg gtaaggtgag aggtcagaca cctaaagtgg 120

ctaagcagga caagaagaag aagcctcgtg gtcgtgctca taagcgtctg caacacaacc 180

gccgtttcgt caccgccgtt gttggttttg gcaagaagag aggaccaaac tcatcagaga 240

agtagataga agaaggtttt acccttttca gattttatgg gatgtttttg atattgtgtc 300

attagttggt ccaaactcat cgatatcaaa gtggtttaac cttggttatc tacaaatcag 360

tggatgttgt gtcaattttc ctgtcaantt gattttggtt ccccccaana ttaaacttaa 420

nt 422

<210> 11476
<211> 498
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-115-Q1-E1-A12

<400> 11476

gnnnnngtaa ttcnaattng tcncngccgg cnacagtcca nnaagtcccg ggtcnaccca 60

cgnntccgng angatnngaa gaagagcaag tttaggattg tggtgttgat gatggcacta 120

tgggcggcta taaagagagc tatagagaag gtaatggagt gggaatggtt aagctggtgg 180

cctttctctc gccaggagaa gcggctcgag aaacttattg ctgaggctga tgctaatcca 240

aaggacgcag ctttgcaggg tgctttattg gctgagctca ataagcatat tcctgaggct 300

gtagttcaac ggtttgaaca aagggaacac acagtggata gtagaggagt tgctgaatat 360

attcgagctc ttgtcattac aaatgctatc tcggagtatc ttcctgatga acaaacgggg 420

aagccatcta ntcttcccgc actgctgcaa gaactgaagc atcctgcatc angcaatatt 480

ggacaatccn ttgtaacc 498

<210> 11477
<211> 333
<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-115-Q1-E1-A5

<400> 11477

taccggnnac catttcttca angattgtta cgtcgaagga acattcnatt tcatcttcgg 60

aagtgnaacc tctatgtact tgggaacaca attgcacntg gttggnnacg gtattacagt 120

gatcgcancg catgcaggaa agagcgcana agaagagact ggatactctt tcgtgcactg 180

caatgtgact ggaactggag gangaatcta tttgggaaga gcatggatga gccaccctaa 240

ggttgtcnat gcctacaccg agatgaccac cgttgtcaat cccaccggat ggcaanacaa 300

caagactcnc ncacatgaca ngaccntgtt cta 333

<210> 11478
<211> 510
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-115-Q1-E1-A7

<400> 11478

nnnnggnaan ttntaccnnc cggtgcncgg taaaggnnaa aggccnnggg ccgacccacg 60

cgtcnnattc ccttaactct atctctaggt gacttaagag taaaaaatgg tanaggcaga 120

ggttgaagta natgtggaaa tcaaatctac ggctgataag tttttcatgt tctctagaag 180

atcacaacat gcctccaaag ccactcgcta tgtacaggga tgtgatctgc tcgaaggcga 240

gtggggcgaa gttggaagca tactcttgtg gaaattaact gttgatggag agccaaaagt 300

gtcaaaggat atgattgagg cgattgatat gaagatgaat atgatccagt ggagggtgtt 360

agagggacct ctgaaggaag agtacaatat tttctcgaaa acgatgaaag taagccctaa 420

gcaaggangg tctggaagtg tggtgaatgg aacttgaagt atgagaaaan tgatganaaa 480

ggggtcaccc ananaagggc ccttacattt 510

<210> 11479
<211> 434
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-115-Q1-E1-A9

<400> 11479

ganctcctcc tcagtgttcc gtctagccaa cgaccttgta acctcaccgg atgaattggc 60

gagaggagac gtctgcaaat ccatccaatg ttacatgagt gaaactggag catcagagga 120

taaggcgcgt tcgcatgttc gacagatgat caatgacttg tgggatgaaa tgaattatga 180

gaaaatggca catagctctt cgatactcca tcatgatttt atggaaacag tgataaattt 240

ggcacgcatg tctcaatgca tgtatcaata tggcgatggc catggctctc ccgaaaaagc 300

caaaatcgtt gatcgtgtca tgtccttact cttcaatccg attcctttag attgaacttc 360

atattgatta cattaaatat catatggttt tttgaattcc aagncaaaag ggttcnagna 420

acctatatat attt 434

<210> 11480
<211> 433
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-115-Q1-E1-B12

<400> 11480

gaagaactct tgctgactac aacattcaaa aggagtcgac ccttcatttg gtgcttcgtc 60

tcagaggtgg tatgcaaatc tttgtcaaga ccctcactgg taaaacaatc acccttgagg 120

ttgagagttc agacaccatt gacaatgtca aagctaagat ccagngataa agagggaatt 180

cctccggatc agcanaggct tatctttgcc ggtaagcagc tcgaagatgg acgcaccctt 240

gcagattaca acatccanaa ggagtcgaca cttcatcttg tgcttcgtct ccgtggtggt 300

atgcagatct ttgtgaagac ccttaccgga aagaccatta ctctggaggt tgaaagctca 360

gacaccatcg ataatgtcaa ggctaagatt cangacaagg aagggattcc aacagaccaa 420

caaagactca tct 433

<210> 11481
<211> 430
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-115-Q1-E1-B5

<400> 11481

aaaataaaaa atgtcatctc ttcactggtt tcccaatatc ttcatcgttg tcgtcgtctt 60

cttctccttg agaagttcac aagttgtact agaagaagaa gaatccacag tcgttggata 120

cggctacgtc gttagatcag tgggcgttga ttctaaccgg caagttttga cggcgaagct 180

tgatctgata aaaccatcgt ccgtttacgc accagatatt aaatcgctta atcttcatgt 240

cagcttggag acaagtgagc gtttgagaat cagaatcaca gactctagtc aacaaagatg 300

ggagataccg gaaaccgtta ttcctcgtgc cggaaaacan tcccctcggc gtttctcaan 360

ggaggaanac gggggaaanc tccngggaaa aatttttaaa aatttcccca anngnantgg 420

gtttcacccc 430

<210> 11482
<211> 439
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-115-Q1-E1-B6

<400> 11482

tggtacaagg gaccaactct tcttgaggct cttgaccaga tcaacgagcc caagaggcca 60

tcagacaagc cccttcgtct tccacttcag gatgtctaca agattggtgg tattggaacg 120

gtgccagtgg gacgtgttga gactggtatg atcaagcctg gtatggttgt tacctttgct 180

cccacagggt tgaccactga ggttaagtct gttgagatgc accacgagtc tcttcttgag 240

gcacttcccg gtgacaatgt tggattcaat gtcaagaatg ttgctgtcaa ggatcttaag 300

agaggatacg ttgcctctaa ctccaaggat gattcaacta agggtgccgc caacttcaac 360

tcccaagtca tcatcatgaa ccaacctggt cnaaattggg aanggtttac cccaanttcc 420

aattggcaaa actcnaaat 439

<210> 11483
<211> 429
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-115-Q1-E1-C10

<400> 11483

aaaactaacc tttgtctaaa acccagaatc tggtaaacct tcacactcaa aaatgtttta 60

ctcgcattgt ctagtatcga gaaaaggacc tttaggagct atttgggtcg ctgcctattt 120

cttcaaaaag cttaagaaat ctcaagtcaa agctactcat attccttctt ccgttgatca 180

aatcttgcaa aaagagttag atgcgttgac atacagagtt ttggcgtatc ttcttcttgg 240

tgttgtaagg atatattcca agaaggttga ctttttgttc gatgattgca ataaagcgtt 300

gatcggtgta aaggagtttg tggctaagga aaggaacaga gaaaagacag gtgtatcatt 360

gcctgcatct atcgagtgtt tttccattgc tttacctgag agatttgaac tagatgcntt 420

tgatcntgg 429

<210> 11484
<211> 68
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-115-Q1-E1-C11

<400> 11484

tccttcttcc gttgntcaaa tcttgcaaaa agagttggat gcgttganat acagagtttt 60

ggcgtatc 68

<210> 11485
<211> 507
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-115-Q1-E1-C12

<400> 11485

nngggnnngn gnnnnttaan ttcccgccgg tcggcaaagg tccacaaagt cccgggtcna 60

nccacgngtc ngnagtnatt nanattggag tttctgattt ctagggcaca aaatctttag 120

attcggtgaa gtcattcatt acttcattgc caaagcttgt anccaaaact cccatggccg 180

acgaatcttc ttctccggcc acgggggatc ccaattcaca gaaaccagaa tccactactc 240

cgatttcaat tcncaatcca aatcccaatc cttcactaac accaccgccg cctcaacaac 300

attcgcaacc accaagtcgc tcctctggtt ccacctggtc cgccttatgc tcctccggct 360

cagattccta gctcgcttct ccccancaat ctcccgccgc caccagcatt ccgtcccggt 420

atgcagttca ctcccgttgc gaattttcaa aaccctagct ctggagttcc tcctccagga 480

tttatgcctc aatatcaanc gcanncg 507

<210> 11486
<211> 68
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-115-Q1-E1-C2

<400> 11486

ttgtnattag ccatgtttgn cgattnccgg catcaaatgc tattgcatgt gcgtgaatgg 60

aagagcag 68

<210> 11487
<211> 380
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-115-Q1-E1-C3

<400> 11487

ngnngtaatt ctacgtngcg ggccggtcaa gaattaacgg gtcgacgcac gcgtccnatt 60

ttncngccat tgttagtanc agaactctct gggccgccgc gtctccgtcg tcgtggctat 120

ctacagatgg cggataagaa gaagcgaaag cgatcaaaag atgacgaggc ggaggaactt 180

cctttcaaaa gcattctgga atcatacgac gttatcatgg gagcttctca aancgtatat 240

ttcctcntct ancaaanccg ccgccggagc cggnggtgcc ncctcctctt catcgaaanc 300

tctaacccta nctgacctct ctcnatcatc ttcctgtcgt gaagtcgcag atctctnact 360

ctcctccgtg catacagaga 380

<210> 11488
<211> 440

<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-115-Q1-E1-C5

<400> 11488

aagaagagtg atactgagaa gatctgtgag attattatat tcgattttga tcagtttcta 60

aaaagctttc aacaatggat tcgtcttcaa atttgaatcc tcttcgtgaa gatacctcag 120

aggaacattt agaacccata gaagctccgg cgtctgtctt cgccgctcgt cctcttcgtc 180

ctccttctac gaattcgtcg gagaagtatt cgcctgtaga atggaaaagc tattttgata 240

aagaagatga tatatcaatc actggctctg atgatgtgtt tcatgtgtat atggcaggaa 300

atgaaggacc tgttgtcttt tgtctccatg gtggtggcta ctctgggctc tcgttttcta 360

tagtagcaag taaaattaan gagaaagcac gtgtggttnn nanagncttt nnaanggacn 420

ggnaaaccgn ttntnggaaa 440

<210> 11489
<211> 502
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-115-Q1-E1-D1

<400> 11489

nggnggtact tcnacntnnc gggccggtca nagactaacg ggtcgannca cgcntctaca 60

tttngtcctt ttnaacaatg gagtcatcac aagcaacgac gaagccaacg agaggagcan 120

gaggaaggaa aggtggagat aggaagaaga gtgttagtaa atctgttaaa gctggtcttc 180

aatttcccgt tggtcgtatc gctcgttact tgaagaaagg tcggtacgct ctccgatacg 240

gttccggtgc tccggtttac ctcgccgccg ttctcgaata cctagccgcc gaggtacttg 300

agctagctgg gaacgcagcg agagataata agaagaacag gataaaccct aagcatctat 360

gtttagcgat aaggaacgat gaagaattgg ggagattgct tcatggagtt actattgcta 420

ntggtggtgt tcttccaaac attaatccaa ttcttcttnc caaaaaatnn aaagattttt 480

ntttcnnann ggggaaaant tt 502

<210> 11490
<211> 502
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-115-Q1-E1-A11

<400> 11490

nnnnnnggna nnnttnaact tctctgcagn tcggcaaagg tcacnaantc gcgggtcnan 60

ncacgcgtcn gaattntctc tcaccacccc cattatcttc ggcgaatcat gaatctaggg 120

ttttgttttc tcccataacc ctagattttc ttccatcaat cttatatttt tctcatttct 180

tcttctccgt tttagctcat ctcccgattc atctcgattt ccatggaggg agcgggagag 240

acgacgacgt cggaggggca tttgacttcg gcagcagctt ttgtggaagg gggaattcaa 300

gatgcttgtg atgatgcttg tagcatttgt cttgaatcct tctgcgaaag cgatccttct 360

actttgacta gttgcaagca tgagtatcat cttcaatgca ttcttgagtg gtgtcaaaga 420

agctcacagt gccctatgtg ttggcaatca attagtctca aaaganccca aaanttaagg 480

gnttgcttta ggntgtgnaa na 502

<210> 11491
<211> 495
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-114-Q1-E1-G10

<400> 11491

aacttcnana cttcgacggc agcnctccag nactcaaggg tcnacncacn cntcnnanat 60

tcnttntncg tataataaca tcccttgtga tcaaacaagt aaaccattca aaagatgaaa 120

ggaagaattt tgattttgag tttgctcata atgagtctgg tcatggcaca agttcangta 180

naagcaaaga tctgctgccc ttccaaccaa gctagaaatg gctatagtgt atgccgtata 240

aggttttcca agggaaggtg tatgcaagtg antggatgcc aaaactctga tacatgccct 300

cgangttggg taaacgccat tctcgaaaac tcagctgatg ctaccaatga gcactgcaag 360

ttanggtgtg aaacttctgt gtgtggtgcc atgaacactc tccaganctc tgatgcaagt 420

gaaattgtga atggaacgtc ggaacaatgt gccaanggat gttcnatttt ctgtaccaag 480

aactatgtta tnccc 495

<210> 11492
<211> 506
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-114-Q1-E1-G11

<400> 11492

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ccacgcgtcc ganggattac acagacccta gcctcttccc caaatcccaa ttctccattg 120

ctttagaaga atcacacaat ggatctagag attgttggtc gtcacgctct ctttttcgac 180

gatgattcga tggcaacgtt tgtcaactct ccgacggcgc tcgttgactg gaacagcctc 240

tttattgacc gctacgatgt tcgtcatctc ctctcttctc ctcctcctcc acgtatcaaa 300

cgccgtcgtc cgaattcaaa cgatgctgac ttggaatcgg agctcgatca cgagcgttat 360

ctagatttac cgtcggaatc tccatctccg tcggatgatg atgaacacga tatgaatgag 420

gattcagcaa atacaaatgc ggatgggtat cgtgctgtcc cttttcanat ggaaactcna 480

ntgatgtnaa tggncaaaaa aaatng 506

<210> 11493
<211> 519
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-114-Q1-E1-G12

<400> 11493

nnnnnngnaa ctgtnnannc tnnncgcagc cgtccacaaa ttcnaagggt cgacccacnc 60

gtccgaaana agatagagat ggagaatcac acgaccatga aagtttcatc tcttaattgt 120

atcgatctag ccaacgacga tcttaatcat tctgttgttt ccctcaaaca ggcatgtttg 180

gattgtggat ttttctatgt gatcaatcat gggataagcg aagagttcat ggacgatgtt 240

ttcgagcaga gcaagaagct ttttgctctt cctttagaag aaaagatgaa agtgttgaga 300

aacgaaaaag catccaaggc tatacanctg gttcntgatg aacnttttag attcccaaga 360

atcaaatcaa tgggggatna caaaagangg gttattacat tgggaattga aagttcccaa 420

agatgattct caattgggat aaagccantc taaggtccct aanccntggc ctgaagcctg 480

atgttttacc tgggttggcg aagaaacaat ggggaaata 519

<210> 11494
<211> 385
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-114-Q1-E1-G4

<400> 11494

naaacnanga aaaaaacnat gggtggcntn gccggtnagt tnacnggtng cttacaagaa 60

gcaagggccg agatatccga tcgattgggt tcacgaaact tgctgctcga accggtcagc 120

acaaatcagc ttgggatgtt ggtactggca acggtcaagc agctattggt cttgcagagt 180

atttcgagaa agttacagca accgacataa acgaagcaca gttaaaacga gcggtaaaac 240

acgaaagaat cagttaccat cacactccca caacaatgtc cgaagaccaa atggntgctc 300

nantcngcgg gagataactc cgttgattta atcctggnaa cacaaagccg ttcancactt 360

cgattccgca caattctana acgta 385

<210> 11495
<211> 424
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-114-Q1-E1-G5

<400> 11495

naacgcctct ctatctcttc gccgtgaatg tcnagatagt cgtaagctct ctgcttttca 60

aatttctctc aaattgaggt agagagagag ggcacagaga tagagagaga ggggcatagg 120

aaacggtgat tttcccagtt cccggaggaa caatcggctg atttctctgt aatcgaagaa 180

tctaaacctc acccactcga aatcagctcg tgggttttgg ggggtctcta ttaatttcca 240

aattctggag aaaaatcttg tatttcttca agatgtttgg gtgtgattgt ttttactgga 300

gcagaggaat ctccgagttg gattcggaat cgtccgagcc aaagcccttc tcacttccgg 360

ctcctcctcc tanttggccg caaggtaaag gtttgccaaa aggaagnatt ancctaggan 420

aata 424

<210> 11496
<211> 274
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-114-Q1-E1-G6

<400> 11496

tatctggcct gctaagtcnt ttggtgctcc tggaacccgt attgctgaat tggtgtttaa 60

cacttccttg acagggtatc aanaantttt aactgatcct agntangctg ggcagtttgt 120

gctaatgaca aacccacaaa ttggnaatac tggtgtcaat cctgatgatg aagaatctgg 180

gcaatgcttt cttactggtt tggtnataag aaacctaanc attattacct caaactggag 240

atgcannang acacttgctg attatctaac cnaa 274

<210> 11497
<211> 503
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-114-Q1-E1-G9

<400> 11497

ggnnnnggaa ctgtcnacgc cngntcgnan cccgtccaca antcangggt ccacncacgc 60

gtccggnttt cangtatatn agagaagaag agagtgaagt cctagtcaat aaactctcga 120

aatctgctga gacacgaact atggtagact tgagaaaagc tcttttctct tataccgcta 180

gtatcgtatg tatgactcgc ttttggacag aacttccatg agtgcgattt tgtcgatatg 240

gataaagttg aagatcttgt gctcgaatct gagaccaatc ttggctcatt cgcgttcact 300

gacttcttcc ccgcangtct tgggtgggtn atanaccgga tctctggcca acattcggaa 360

ttgcacaaag cctttgctag actaagtaat ttctttcaac atgtgatcga tgatcacttg 420

aagcccnggc aatctcaaga tcattcagac atcantggtg tcatgttaga tatgatnaat 480

tnnngagaat taagtccggt tnc 503

<210> 11498
<211> 493
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-114-Q1-E1-H1

<400> 11498

nnnnnngnaa nntctacntn nncaggcctg gtcanaggac tancgggccg anncacgcnt 60

cnacccacac tncngganag atcatctccg ttaaacccta gcgattggaa tacggatata 120

ctccaaatgg ctttcttaag taaagttgga aggttattca gtcagaccag cagccatgtc 180

actgcctcta gctcgatgct acagagcatc cgttgcatgt cttcatcaaa aatctttgtt 240

ggaggtatct cctacagcac tgatgagttt ggcttaagag aagcttttag caaatatgga 300

gaagttgttg atgcaaagat tattgtggac cgtgaaacag gcagatctag gggctttgct 360

ttcgtaacat ttacttcgac tgaggaggct agtaatgcca tgcaattgga tggacaggac 420

cttcatggtc gaagaattag ggtgaattat gcaactgaaa gaagaaatng ggtttggang 480

aaagggaatc cgg 493

<210> 11499
<211> 451
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-114-Q1-E1-H12

<400> 11499

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agtctctgtg ggaatgggtt tgcttgctgg ttccactgtt atgcttctca ctgttatctg 120

gggaacttgt actgtggttg gcangtgtga tcttcgtgat tcanttgctg tanacaacca 180

agacaccaaa ggctttcacc taaaagattc tggtgtaact gttgatattt ggncnaanct 240

atgctgcang aatactggct atatcagtta ttccgttcgt cattgtccag cttccgcaga 300

tgttgggctc aacctctgga anacaattgt ccgtgttgat tgctctaatc ctttcaattc 360

ttatgttgat ctcttactgt gtatatcang tattcnaanc atggattcaa aggagacggc 420

ttgcttttgc aaaacacaag catgtgatnn c 451

<210> 11500
<211> 378
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-114-Q1-E1-H3

<400> 11500

gccctnanac ggncttnann accccnccng cnacnccnaa acnacctgaa nctccctcng 60

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cggtggcttc ttctgaccag gacggctcag ttttggggtt ctttaaaaac gccgtcacaa 180

aggttcaaaa tgcacattca agtgtggatg atcatttggt gaggtggttt gggttaaacc 240

aatctaagta tcagtgggct ttggatgagt actacgaaag caaagaatca gatatgaaga 300

ccgtgaaagc aaaggagatg ccggggaaag tacaaagtgt ataaagcaan catgtntaaa 360

ctcaatttcc ctttggca 378

<210> 11501
<211> 499
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-114-Q1-E1-H5

<400> 11501

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ccganncacg cntcanagat gtttncgttt gattatatat accttagtca tgttatctat 120

ttatgatgta gctcgttctt acttgagatt gcactagtag tcttgcttaa tgacatataa 180

atcttgattt aaactccctc tggatattct ttcatagaga aaaaattctt atgatgattt 240

tattgttgtt gttacttgtt ttctcagcat tgatccatct ctgctcaatc cttacaccaa 300

attttgatgg tataagagga ttcagtgaca atgcttatat taaaaatgga gtttatagtc 360

tctctgaact atctatgtcc aagttcttgg gagttcggaa gcaccttaca tcgttgacat 420

ttgttctaag ttttcctatg acaattcttt tcgtttgcac attcagagat cagtttgaga 480

ttcactaaag ttgntgtgg 499

<210> 11502
<211> 424
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-114-Q1-E1-H6

<400> 11502

naattatatt caagagaaaa aggaaaaaat gaatttcatc tccgatcagg taaagaaact 60

ctcaagctca acaccagagg agccagacca caacaagcca gtcgaaggaa ccgaaacagc 120

tacaagaaca acttacaacn gccaannnca tggnanttgc caaggttgta cctgaagctg 180

ctcaagccgc agctcgtaac gaatcagaca aactcgacaa gggtaaagtc gccggagcct 240

ctgctgatat cttagacgct gccgagaaat acggtaagtt cgatgaaaag agtagcactg 300

gtcagtacct cgacaaggct gagaagtatc tcaacgacta cgagtcgtca cactccaccg 360

gtgctggtgg tcctcctcct ccgacnaatn aaggttaacc aacaanttac cttaanccgg 420

gggt 424

<210> 11503
<211> 414
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-114-Q1-E1-H7

<400> 11503

aaatcccgat tccgagagag agagagcgat agcggaagac gatggctttg acggtggcga 60

agagtgcgtt ggaggcgatt agagagaaag gtctcggcgg tttcatgagg atgatccgag 120

aagaaggctt catgagatgc ctaccagatg ggaacctctt gcaaactaaa atacataaca 180

taggagcgac acttgttggt gttgacaagt tcggtaacaa atactaccag aagctaggcg 240

atactcaata cggtaggcac agatgggtag agtatgcttc aaaggatcgt tacaacgcat 300

ctcaagtacc agctgaatgg cacgggtggc ttcatttcat cactgatnac actggcgatg 360

aactcctgaa ttttgaanca aaaaagnatg ggcttaacat aaagagaact tccc 414

<210> 11504
<211> 475
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-114-Q1-E1-H8

<400> 11504

agcgnncggg ccgggaaagc aaagggcccg ggccgaccca aacgtcaggc aaaacaaaac 60

taaacangaa acagaggaga aaaaaggaaa cgacgaggaa aancaaaanc annataaaaa 120

caagcctcgt ncttcccttt tctctcgtca aatcttttcc tttacatatt ttcttttctt 180

ttntttgtct ttaatacaaa tttactaact aatcagaata aaaatgggtt cgagtaagtt 240

taaacgagcc ataggagccg taaaggacca aaccagcgtc ggtctagcca aagtcaatgg 300

tcgaagcgct tctttatctg aacttgacgt agccatcgtc anagccactc gtcacgaaga 360

gtttccagca gaagaganat acattagaga gattcttagc ctaacttctt actcacgcag 420

ttacatcaac gcttgcgtta gcacgctttc gagacgcctt aataaancca antgg 475

<210> 11505
<211> 496
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-114-Q1-E1-G1

<400> 11505

nnnnnngnaa atttntacgc tgcncangnn ccggtcacag aattaacggg gncgacccac 60

gcgtcnngga gagttgctgt cggagcgtca tagcttcaag gacgtttcat ctgcggtcaa 120

gtggccgtct atttccctct cttagcttaa ctcatctcaa gggcaagcta tctctctcca 180

tcaactcgtt ttcctccaag attcagtctc atgctctccg aggagttggt ataggcgagt 240

cagataagaa aaatcccctg ccgcgagggg ccggagaagg agtcaaggaa gatgcgagga 300

gtaagctgct tcatgtagtt ttggtctctc ctcagattcc tgggaataca ggttgcattg 360

taagaacatg tgctgcctca gctgttggtc tgcatttagt cgggccatta ngttttcaag 420

tggatgacgc cagagttaag cgagctggtt tggattaatg gnccttttgtg gntgtcaaag 480

cccanaactc aatggg 496

<210> 11506
<211> 500
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-113-Q1-E1-E2

<400> 11506

ngnnnnnngg anttnttgcg ncccgtangg tcaaaaatcn cgggncnacc acgccgtcag 60

ggaanaaaga acttgttttc ctcttcagca agacacataa atcgtaatcc attttctctc 120

aactttagga atctcaaatc tccgatttgg aaatccggcg acaatggtga gagatattga 180

agatgagatt agagacgaga agaatcctcg tcctcttgat gaagatgata tcgctctcct 240

caagacttat gggttagggc cttactctgc acctatcaag aaagtggaga aagaaattaa 300

ggatctcgcc aagaagatca acgatctatg tggtatcaag gagtctgata ctggtttagc 360

tcctcccagt caatgggatc ttgtatctga taagcaaatg atgcaagaag agcaacctct 420

gcaggttgcg agatgcacaa agattataag tccaaacact gaagacgcca aatacgtcat 480

aaatgtcaaa caaattgcta 500

<210> 11507
<211> 487
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-113-Q1-E1-E3

<400> 11507

gnnnnnaatt ntgcngcnct acggcaaaat ccgggcnacc acctcaaagg actaagacat 60

cacgaggaac acgatgggtg aagcggtcaa ggatgggaga gaagaagtga ttcaagcttg 120

gtatatggat gatagtgaag aggatcagag acttcctcac cacaaggatc ctaaagagtt 180

tgtatcgttg gacaaacttg cagagctggg agtacttagc tggagacttg atgctgataa 240

ctatgaaacc gatgaggatt tgaaaaagat ccgtgaatct cgtggttact cttacatgga 300

cttttgtgag gtatgcccgg aaaagcttcc aaactatgaa gtgaaagtga agaacntttt 360

cgaaagaaca ttacacactg atgaggaatc cgttactgcg ttgcaggaac tggtactttg 420

atgtgagaaa tcgtaatgaa ncttggatta aggtattggt aaagaangga agtatgatag 480

tcctanc 487

<210> 11508
<211> 434
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-113-Q1-E1-E4

<400> 11508

aaaccacaac aaaaaatctc gagacaaaga tacaatggcg agccgaaaca gagcactctt 60

ctctgtttcc actcttttcc tctgtttcat cgtctgcatc tccgagcaat cgaanaatca 120

gtcttctcca gtcttcgcct gtgacgtcac cggaaaccct tctcttgccg ggcttanatt 180

ctgcaacgcg gggttgagta tcaaagcccg agtcaccgat cttgtcggaa gattgacgtt 240

ggaggagaaa atcgggtttt tgaccagcaa agctatcggc gttagccgcc ttgggattcc 300

gtcttacaaa tggtggtcgg aggcacttca tggcgtcnct aacgtcggag gtggtantcg 360

gttcaccggt caagtccctg gcgccactag cttcccacaa gttatactca cggncgcntc 420

tttcaatgtg tctt 434

<210> 11509
<211> 70
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-113-Q1-E1-E5

<400> 11509

taaanctgat tcacanatgc ggaaattctt gattaaccaa gctaaaggtc tcgtcaanca 60

ttctcgtcgt 70

<210> 11510
<211> 432
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-113-Q1-E1-E6

<400> 11510

gattgatttc taccgtcgcc ggagattttg tcgtgtaatc acctccatgg ctgaagcggg 60

atcggtttac gtcgatgtag ctggggaatc gaagtcggag catgttactg ggaagtggtt 120

ttcggtgccg gagctccgac tgcgtgacca ccggttcata gttcctcttg attattccaa 180

aagttctccc aaaattaccg tctttgctcg agagatcgtt gcggttggga aagaggagca 240

agcaatgccg tatttattgt atttgcaagg tggtccagga tttgaaggtc caaggcctan 300

tgaagctagt ggatggattc aaagagcttg tgaagagttt cgagtggtct tactcgatca 360

acgaggaaca ggcttgtcca ctcctttaac atgttcctct atgcttcaat tcaaatcagc 420

aaaggaatta gc 432

<210> 11511
<211> 425
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-113-Q1-E1-E7

<400> 11511

ggtgtctgtg tactgcgtag ggtttagtga gtccatttgc aaagatgact cgtgagttct 60

aatctatcga cctctctcgt tttctcgcag ttgcagagtc tcaggattat ataataggac 120

aaagagagag agacaacatg cactctctta agactacttg cgttgggcaa atatttgctc 180

tagctaagcc tcacgattct gtaggcaaga ggactcgtaa tcggattcct aaagaagaga 240

gaaagacact ggttgaatct tttataaaga agcatcagaa actaaacaat gggaattttc 300

cttcacttaa cctcacacac aaggaggttg gtggatcttt ctacactata agggagattg 360

ttagagagat tatccaagaa aatagagtcc ttggtcctgg tgacttgcta cttgagggaa 420

atggc 425

<210> 11512
<211> 422
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-113-Q1-E1-E8

<400> 11512

tgttccctta aagtggtatg aagatgagaa acatattggt tatgacctca ctgggaagaa 60

gattactaag aaagaaaaac aagataaact cgactctttt cttgcaacta tagatgactc 120

taagacttgg cgcaaaattt atgatgaata taatgacgag gacgttgagc tgactaaaga 180

ggagagcaag atcgttcaga gaatactcaa aggggaagct ccacatgcgg actttgatcc 240

atatgcacct tatgttgagt ggttcaaaca tgatgatgca atacatccac tctcaagtgc 300

accaagagcc caagcgaaag attcatccct tcaaaatggg angccaaaaa ggttgttaag 360

attgttagag caatacgtaa ggggtggatn aagtttgata agcctgaaga agagcccaat 420

gt 422

<210> 11513
<211> 497
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-113-Q1-E1-E9

<400> 11513

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gacccacgcg tccgncgatt ttttcgttct ggcttaaccg taacccgaaa gatccagaag 120

gcggtgagat tgttttcggt ggagtcgacc cgaagcactt caaaggagag catacttttg 180

ttcctgtgac acataaaggt tactggcagt ttgacatggg tgatctccaa attgctggca 240

aaccaaccgg atattgtgct aaaggttgtt ctgctattgc tgattccgga acttctctgc 300

tcaccggtcc atcgactgtc atcacgatga tcaatcacgc gataggagca caaggaattg 360

taagccgtga atgcaaggcc gtggtggatc atacggaaaa acatgttgaa ttctcttcna 420

ctcangagat tcgaagaaag tatgctcaca aattggagtc tgcgcttatg atggtacaca 480

gagtgtgagt atgggga 497

<210> 11514
<211> 305
<212> DNA

<213> Arabidopsis thaliana

<223> Clone ID: LIB25-113-Q1-E1-F1

<400> 11514

ttttagtttt cttttataaa atgcccttaa ataaactaaa aaagaaaacg acaaaaaaaa 60

acagggcgtt gagtttgttt tcattatgtt tgatttctct gtcattttct ttaatgtgtc 120

tagcgagtct gcctttgtcc caatggttta gtatctgcat gtatccacgg atctctattt 180

gtcgacgaat gttatttaca ataaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 240

aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaagg 300

ggggg 305

<210> 11515
<211> 483
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-113-Q1-E1-F10

<400> 11515

gnngnanttt angcgncagt agccctcaaa aattcaangg tcgaccnacn cgtccgatcc 60

tgaatcttac ntgctacctt tcttcttcct tcttcatcat tcatcattca tcattcatca 120

ttcatcattc tcatatctct cttcttttac tggggatcac aatatctatc tanttgtaaa 180

ttgtgaatga tagatcctga gccttcttgc cgccacctct tgaacttaat gtacttgaaa 240

ccagtctcca catagcgata gagagagaga tctgttatgt gtgtattcat caagttctct 300

ttttttgggc tcaaagtgta aaaggagana ttttcaattc tganttcttt tgttttctta 360

taataaaatc tgggttttct gagattttcg tcacatcgtc cgaaacgtgg acacattttg 420

atcttttggg tgtcactgtg tcantanagg ttgaaacttg gannacattn ctctcaaaag 480

gat 483

<210> 11516
<211> 494
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB25-113-Q1-E1-F12

<400> 11516

nnnnngnaac tgtttacgcc tctcagtagc ctccaagaat tccaaaggtc gacccacccg 60

tccgagcgat caaattcaat ccgaaggttt cggctctggt gcgttttctg acgttgttgt 120

taaagctatg ggatccagtt accatctcca ccgcttgatt ctatctcgca gctcctactt 180

caggactatg ctgcaaggtc catggaaaga agctagctct cctgttgtga acttacttgt 240

ggatgataaa aatgttaatg gagacgcaat ttctgttgct ttagcttatc tgtatgggta 300

ccatcctaag ctggatgatg ataatgcctt tcgtgtttta gctgctgctt cttttcttga 360

ccttcaggat ttgtgtgcga tatgcactga ttttantaat tctgaactga ggacttcaaa 420

cttcctggca tatcaggtat ttgctgagaa ccaagactat gggattcatg gagaacgtgt 480

aaggaatgcc tgct 494

<210> 11517
<211> 409
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-113-Q1-E1-F4

<400> 11517

gcacagagat ctctcgtttc gtttttcccg gaaaatctga ggaaataaaa ttaagcaaaa 60

gtttccatcg atcctctgag aaaaaattcg actctctagt ccacgagttt ttttttgtt 120

cacctctctc tttttcgtta atctctctca aacaacgcct cttcatcatt tccttgtaat 180

tcactttctt ctccgttttt tttttttga atcnctcttc gtccttcgcc gtttcnattt 240

cntgtttcct ctacttgatg atgaaatttt gatcagatct agtgtanaat agttaggatt 300

tacccagaga gattatgttt atggatcgag agagacggag ttctggtcgt aatgggactc 360

ctgaatatag caatggcaaa ttccgaaatg ataatggttt tggattcta 409

<210> 11518
<211> 434
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-113-Q1-E1-F6

<400> 11518

aaggagaaac aagctgagtt aactgaacag tgggagcacg agaggtctgt tatgtcccgt 60

cttcagtcga ttaaagagga gattgatcga gtaaacctcg agatccagca ggcggaacgt 120

gaatacgatc tcaaccgtgc agctgagctc aaatacggaa gcttaaactc attgcagcga 180

cagcttaatg aagcagagaa agagctgaac gagtacttaa gctctgggaa atctatgttc 240

agagaagagg ttttgggtag cgatatcgcc gagattgtga gtaaatggac tggaatcccg 300

gtatcaaaac ttcaacagtc tgaacgagat aagcttctac atttggaaga agaattgcat 360

aaaagagtag tcggtcaaaa cccagcagtg actgcggtag ctgaagcaat ccaacgatca 420

agagctggtc tttc 434

<210> 11519
<211> 432
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-113-Q1-E1-F8

<400> 11519

agatgttgtt tcaggtggga ggtgaaggca cacgccccac cttctttgag atggctgctg 60

ctcagcaact tcctgctagc cttcgcgccg ctctcaccta ttccctcggc gtttttgctt 120

tgagacgatc gtttctccat aagattttag actatgagga tgaattcttt gctgctctga 180

tgcttattct tgaaggacac agcttacgaa ccacagatgg ttcctttgct gaatcattgt 240

atggtttaag gaggaaatca gcgagattga gattgaggaa agacagtgcc aggaaggatt 300

ctagcgaaga agttcaacat tctggtttag agaagcgtca gagaatcctt tctgttgtgt 360

ttctggttgt gttaccgtat ttcaagtcaa aattgcatgc tatatataat aaagaaagag 420

aggctaggct cc 432

<210> 11520
<211> 428
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-113-Q1-E1-F9

<400> 11520

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gattcaattt ttaaaattct aaataaaact ccaaccgtga atccagccat gaaactcttt 120

ttagaaaatc ctttttttata acaaataatt cctctgcttc ttcttcttct tcgtttattt 180

caccttttt ggtttcttta gctcagaaaa agcccattct ttttttctat tcttgtttat 240

tttaatcata ctgtgcgttt ctacaaagtt tgttcctttc ttcttcaact ctctcactca 300

cagtcacaga gatctgtttc ttttcttttt ttgctttcac tcttctcttc cagtgaagag 360

agagtgagag aaaatggtga aacttttggt tagtaagggt tgttgtggct ggtataatac 420

tggggaac 428

<210> 11521
<211> 266
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-113-Q1-E1-E10

<400> 11521

anntcagtna nnaagcaaat ccgaagaaag agagagagag aaggtgattt tgaaatttca 60

gataacgcat aatttttta ttctcgccgg agttttctcc tcncaccgtc tctgattctc 120

gtcgccgccg tacacagttg ttgttctctg ccgtttctgc aanangattg gatcgtttct 180

tacaatatga ttggtgatgg tgttgggcta tgcttaccct gcgtacgant gttacaacga 240

ctgtnganaa gaanaggcct gaaanc 266

<210> 11522
<211> 420
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-113-Q1-E1-B7

<400> 11522

agtcacctca cttctctttc gatttataga aacaacttct ccggtgaatt tccggttaac 60

atcggccggt tctcgccgct cgacacggtt gatatatctg aaaacgagtt tactggtcca 120

tttccaagat tcttatgcca aaacaagaaa ctacaattct tgctcgcctt gcagaacgag 180

ttttccggcg agattccgag atcttacggc gagtgcaaat ctctattgag actaaggatt 240

aacaacaacc gtctaagtgg tcaagttgtt gaaggattct ggtctctaac gcttgctaaa 300

natgattgat ctcagcgata acgaactcac cggagaggtt tctcctcaga ttggactttc 360

aacagaactg agtcagctca ttttacagaa caacagattt tccggcaaga ttcctcgtga 420

<210> 11523
<211> 434
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-113-Q1-E1-B8

<400> 11523

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acatgaggaa agtgacaaaa ggaagtgtca cgatcaagct ttgggatctc ggtggtcaac 120

ctaggttccg cagcatgtgg gaacgttact gccgttctgt ttccgcgatt gtgtatgtag 180

ttgatgctgc tgatcctgat aacctcagtg tctcgaagag tgaactccat gatttgttga 240

gcaagacgtc gcttaatggt atccctctcc tagtccttgg gaacaaaatc gacaagcctg 300

gagctttgtc caaagaagcc ctaaccgatg aaatgggtct caagtcactg acagatagag 360

aagtctgttg cttcatgata tcttgcaaga actctancaa catcgatcaa tcattgattg 420

gcttgtaaan cacc 434

<210> 11524
<211> 503
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-113-Q1-E1-B9

<400> 11524

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cccgcccgtc cgtggaagca nccatcggcg gatagtttgc tggtggaaga aatagatgtc 120

ggggaggata aagtgagaca agtagttagt ggcttagcaa agttctgcag tcctgaggat 180

ctaacgaacc gcctcgttgc actcatcaca aatgtcaaac ctggaaagct aagagatgta 240

atgtcacaag gactggttct ttgtgcttca agtgaagatc actcggtggt agagccgttg 300

ctaccacctg ctggtgctaa accaggagag cgtgtttcat tttcagggat tgaaggaaag 360

ccagaagatg tactgaaccc aaaaaagaag caactagaga agataacacc gggtctctac 420

actgatgaaa atggcgtnnc cacatncnaa ggnatncaat tcatgacctc cggtgggcct 480

tgcacttcaa catccccang gga 503

<210> 11525
<211> 434
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-113-Q1-E1-C1

<400> 11525

aaaangaagg cgcgtcagtg atggagaaga ttattgacgt agcttatggc gcatcagtga 60

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cacgtctgct tctggccggt cgtctccgtt ccggttacaa acccacggcg gagatgcaac 180

tctccgatct cctccgtttt gttgactcta taaagaagat gcctatagct atccataccg 240

agaagccaaa gactcaacac tatgaattac cgacagcttt cttcgaactt gtccttggga 300

aaaacatgaa ntacaactcc tgttacttct caaacgattc aagtagctta naagatgcag 360

angaagcaat tttggctctt tattgtgaaa gagctaaagt ggaagatggt caaagtgttc 420

ttgatatcgg atgt 434

<210> 11526
<211> 498
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-113-Q1-E1-C12

<400> 11526

nnnnggnnnn gnaantgtnt acgccgnncg gtagccgtca cnaattcaag ggtcgaccna 60

cgcgtccgaa aatatatata ttgaatcttc attcattaaa aaaacaattt ttatttttcc 120

ctattcatct tcggttcctc accgtccgat gctttgactc tgaccaatca gtcaatttga 180

gcttcacaat caacggtcat gggtcattgt tacagccgga acatctccgc cgtcgaggac 240

gacgagatnc ccaccggtaa cggcgaggtt tcgaatcaac catctcaaaa tcaccggcat 300

gcttcgattc ctcagtctcc ggttgcttct ggtactcctg aagtcaactc atataacatt 360

agccctttcc aaagcccgtt accggcggga gtatctccat cancggcgan aactccggga 420

cggaagttca aatgggcgtt tcctccaacg tnaactgcga aaccgattaa tggcggcttt 480

gagacnacaa cttggcgc 498

<210> 11527
<211> 347
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-113-Q1-E1-C3

<400> 11527

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ttaattgggt gggaccatca aggagttcca tcaatgaant ccactacann gaaattacga 120

aagctggggg ctggatccca tgggcctccc aagaattaca cttgcagctt ctgcaggaga 180

gagttcaaga tctgctcaag cacttggagg gccacatgaa tgttcatnga ngagacagag 240

canaactcag gcagatccct tcttggctct tcgaacctca ccaccacaca cctattgcaa 300

accctaaccc taattttagc tcttcttctt cctcttcaac aacaaca 347

<210> 11528
<211> 65
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-113-Q1-E1-C4

<400> 11528

aatgtngaan cttcccttgt tnggttgcac cgactccgct catctgttga atgaagtgta 60

agagt 65

<210> 11529
<211> 428

<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-113-Q1-E1-C7

<400> 11529

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aggctaatca tggacgctgt ggcggcgaat ttgtttcaat ctccttcctt actgcgtcaa 120

acttccgaaa ggttgatatt ttcgacgccc aactgtcctg gcttcatgcg aattagctcc 180

ggacctcaat ttcgtctcag acaaaactct tctcttaaat tctcgagacc atttcaaagc 240

ggaacaactt gtgttaaatc tcggagaagc tttgtggtta aagcttcagc ttctggtgat 300

gcttcaacag aatcaaaccg cgcggcttca gttgaagtct cctgtgggac agtttctgtc 360

acagatatta gtgagccatc ctcatcttgt tccagcagct gttgaacagc agcttgaaca 420

gctccaaa 428

<210> 11530
<211> 496
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-113-Q1-E1-D10

<400> 11530

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tccggtttct tnttgctttt gagaaaaaat aattatatat ttttatatag gaaagggtta 120

ntttattant aaaatgcaaa taaaaagaat catanaacag atantgcagg gtggtaggct 180

tttgacggtg ttggtgtgcc ncgcctccac ggtggcgttg gtgagcgccg gtgaccctta 240

cttctactac acntggaacg taacctacgg aaccgccgcg cctctcggaa ttcctcaaca 300

ggtgattctc atcaacggac agttccctgg gtcctaacct aaactcaacc tccaacaaca 360

atgtcgtcat caatgtcttc aacaacctcg acgagccttt cctcttgacc tgtagtggac 420

tccagcacan gaagaactca tggcaagatg gtgtgactgg ggactcatgc ccatcccaac 480

angaacatct tnactt 496

<210> 11531

<211> 496
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-113-Q1-E1-D2

<400> 11531

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gttgttgttt tcttctgcga cagcttcgaa gtcgtctctt ggatttttac aagtcaaaag 120

ctgagtaaga cgttaaccac gagtcttctc gccggcgacc gtcgtcaacg gcggagattt 180

tgttagttat gtcccgcatt tccaccacct ccactactcc ttcacgcgtg agagctgcga 240

attcgcacta ctcagtgatc tctaaaccta gagcacaaga cgataacggt ctcaccggag 300

gtaaaccgaa atcgtcaggt tacgatgtga aaaatgatcc agcgaaacgg cgatcaattc 360

tgctgaaaag agcgaaatct gcaaaaggag gagatggcgg ttttggctcc tcagagagct 420

cggtctgtga atcgtccggc ggttgtagag caattcggtt gtccgaggcg gccgatttct 480

cgaaaaagcg aagaga 496

<210> 11532
<211> 440
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-113-Q1-E1-D3

<400> 11532

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agacataatc cttcaaacaa aacaaacagt cacgcctaag aaaacatcac aaactctcga 120

cttaatactc cgattacaaa taagagactg acaaactttc aacccttcac tcagttgcta 180

gattgacgca actcaggtcg aacaaagtct gcatcagcag gcacagagat atcaacggta 240

ggcctgagct gtgcgcagac ctcaatggca ccatggactg gatcagagaa gaagttactg 300

attangtcnc tgttgantgc tgcaccactg tccacagcca caagagcttg ttgggtcagg 360

atgtagtcaa accgtggcgc ccatttcctc gaacccaatc ttgctgtggt tgagcagttg 420

tcaaccatga aggacactcc 440

<210> 11533
<211> 253
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-113-Q1-E1-D4

<400> 11533

caanactgct gctgccttgt gcntgaccac tgtcatgaan gangacaagc ttganttcan 60

caaaatcntc gaggccatca aggctaactt caacgacaag tactaggagt acaggaagaa 120

ctggggaggt ggcataatgg gatccaantc tcaagccaag accaaagcta aggagagggt 180

tattgctang gaagctgccc agagaatgaa ctaagcatca taccttatgt tctctgctan 240

naaacatntg ata 253

<210> 11534
<211> 434
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-113-Q1-E1-D6

<400> 11534

tttgtcgaca gtcttcttct tcttcttctt cttcgattgg atctggaact gaactcaaat 60

tgggaagaat tttgacatgg aggaggaccg gtgttcgatc aaggatgatg caactcaatt 120

gataggtaac accccaatgg tatatctgaa caacattgtg gatggttgtg tagctcgtat 180

tgcagctaag cttgaaatga tggagccttg ctctagtgtc aaggagcgaa ttgcttatgg 240

tatgattaaa gatgcagaag acaagggatt gattactcct gggaagagca cactgattga 300

ggctacctct ggtaacaccg ggattggttt agccttcatc ggtgcagcta aaggttacaa 360

agtggtcctc acaatgccct catcaatgag ccttgagaga aaaatcattc ttttaacaat 420

aagtgcggag ggtc 434

<210> 11535
<211> 433
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-113-Q1-E1-D7

<400> 11535

agaatttgta tatcaaaatc gagcgaacga agatctccgg attgctgcac tctgctacat 60

gcctttcgaa tccgtttact gcatcgccgg agaagtagga atctgtttac ttacctttgg 120

aatccatcct catccctctc cgtctagtgt gatgcagcag ttaggcacta gtgcagtgac 180

atctaagttt aaacagactt ttttcttcaa aatgcgacat tttcttctga tgtctgcagt 240

acggttgtat acctctttct ctccccccat tcaccctctt cgatcgtgtt gtttcttgca 300

tcgccttggc agtaatcccc gggggtttct ttcttaaagt ttgtgcaaaa tggtggactg 360

gctttcacta ttaccctgga ataaaatctt cactgctgca tgtggctgct ttttaagcga 420

tagcaactac att 433

<210> 11536
<211> 434
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-113-Q1-E1-D8

<400> 11536

cttcttgctt ttgagaaaaa ataattatat atttttatat aggaaagggt taatttatta 60

ataaaaaaaa ataaaaagaa gcagaaaaga gataatgcag ggtggtaggc ttttgacggt 120

gttggtgtgc ctcgcctcca cggtggcgtt ggtgagcgcc ggtgaccctt acttctacta 180

cacgtggaac gtaacctacg gaaccgccgc gcctctcgga attcctcaac aggtgattct 240

catcaacgga cagttccctg gtcctaacct aaactcaacc tccaacaaca atgtcgtcat 300

caatgtcttc aacaacctcg acgagccttt cctcttgacc tggagtggac tccagcacag 360

gaagaactca tggcaagatg gtgtgactgg gacctcatgc ccaatcccag cangcancaa 420

cttcacttac catt 434

<210> 11537
<211> 438
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-113-Q1-E1-B4

<400> 11537

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cgaacaaaat gtatatcgga agacataaaa agcaattcaa tgaccgtcgg gaagtacacc 180

gtcgttaacc ctaacgaagc tcatccttct cctcaatctc acaagatctc catcagagtg 240

acatcgagtt acgggaacac gtatcatcac gcggaagatg tagaatcggg acaattcgcg 300

ttcacggcgg tggagtctgg agattacatg gcttgttaca cagctggttg atcataaacc 360

tgaggttaca ttgagtattg atttcgattg gagaactggt gttcaatcta aaagctggag 420

tatgttgcta agaagagc 438

<210> 11538
<211> 439
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-112-Q1-E1-H10

<400> 11538

gcccacgcgt ccgaaaaaaa caaaaaaata ataaaacaaa aaaatatctt ttttttttct 60

aataaaaaaa aaataataaa taaatatgag atacacaaat gtgtccattt tattaggcat 120

gttggtgatc tttgtttcac caatggtgtt cgcagatgat ttgacaccaa tcccagaggg 180

caaaccccaa gtggtgcagt ggttcaatac ccacgttggt ccattggctc aacgtaaagg 240

cttagatcct gctctcgtag ctgctgaggc tgctccacgt atcatcaacg tgaatccaaa 300

gggaggtgaa ttcaaaacac taacagacgc aataaagagc gttcccgcag ggaacacaaa 360

gcgggtgatc ataaagatgg ctcatggtga gtacagagag aaggtcacta tcgacaggaa 420

caaacccttc attacattg 439

<210> 11539
<211> 434
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-112-Q1-E1-H2

<400> 11539

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aggaagagtt agtcacagtc cgggacaaaa caattcccga aaagctcgtt aactcgagag 180

tggtcggagc ttcacatgga tggacatttt tctctgaccg atgcaatcat aattctgtat 240

gtatcagcga ccttttttact cccatggctt ccaaatcaaa cacaaagata attcctctgc 300

ctctgcttac tactatgatc tatggccaaa cagaagctgt ctgggaacgt ggcaatgtcg 360

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gggtagccaa ctga 434

<210> 11540
<211> 95
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-112-Q1-E1-H5

<400> 11540

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taagcacgtc ccacgtgctg tcattgttgn tcttg 95

<210> 11541
<211> 443
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-112-Q1-E1-H6

<400> 11541

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ccaactgatt acagaaagac ttgtgaagac actctgatta agaacgggaa gaacacaacc 180

gacccgatgg agttggttaa gactgcgttt aatgttacga tgaancagat cacggacgca 240

gctaagaagt cgcanacgat tatggagctt cagaaggatt caaggactaa ggatgggcgc 300

ttgatcaatg caaaggagct tatggattac ccgttgggac gaactaagta actcctttcc 360

aaggagcttg ggaaaatttg acgttccacc tgctcgacga agctttgatc aaatctgaag 420

gattttggct taacgcaanc gat 443

<210> 11542
<211> 425
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-113-Q1-E1-A1

<400> 11542

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ctattaaact agcaattcta tttaccacat ttgttctttt tagcctcgcc gacgctagaa 180

tccccggtat ttactccggc ggcgcatggc aaaacgcaca cgccactttt tacggtggca 240

gcgacgcctc cggcacaatg ggaggagctt gtggttacgg taacctatac agccaagggt 300

acnggaacaa acacggctgc tttgagtacg gcgctgttta acaatggtat gagttgtgga 360

gcctgctttg agctaaaatg cgccaacgac cctcaatggt gtcactcagg tagtccttcg 420

atcct 425

<210> 11543
<211> 489
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-113-Q1-E1-A3

<400> 11543

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atctgttcat angatgaaga agtttctctc gttctcctcc aacgcgtaga aaattctgac 120

ggctttaacg atgtggcgaa gatctgttgt ttatcgtttc tcttcaagaa tctctgtttc 180

ttcttcgtta ccaaacccta gactgattcc ttggtcccgc gaattatgtg ccgttaatag 240

cttctcccag cctccggtct cgacggaatc aactgctaag ttagggatca ctggtgttag 300

atctgatgcc aatcgagttt ttgccactgc tactgccgcc gctacagcta cagctaccaa 360

cggtgagaat tccgtccnan agttgcggct ttggctggat tagggcatca ctacgctcgt 420

tgttattggg agctttctaa agctaaactt agtatgcttg tggttgcaac ttctggaact 480

gggtatatt 489

<210> 11544
<211> 504
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-113-Q1-E1-A5

<400> 11544

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gtcagcaagg aatggcanng gaaggggget tgggagagaa ctcaagatgg agtcttggag 120

gcatgaccgc tcttgtcact ggtggctcta aaggcatcgg ggaagctgtg gtggaggaac 180

tagccatgtt gggagcaaaa gtccacacgt gtgccagaga cgaaactcag cttcaagaac 240

gcttacgtga atggcaagca aaagggtttc aggtcaccac ttctgtctgc gacgtctctt 300

ctcgtgacca acgagtgaaa ctcatggaaa ctgtttcctc tctctaccaa ggaaaactca 360

acatcctcgt caacaatgtn ggaaacttca atattcaagc cgaccacaga gtatacagca 420

gaagatttct cttttgtaat ggctacaaat ctcgagtcag ctttccatct ctcacagctt 480

gcccaaccat tgttaaaagc ctct 504

<210> 11545
<211> 436
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-113-Q1-E1-A6

<400> 11545

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ctaaaggatc tctgaaaaac aaaaagaaga ttgacaaggg aacttatgtg gtcggagagg 120

aggagacacc taaagagctt cagagagagc tgatgccgag acacgtggca gtgataatgg 180

acggaaaccg gagatgggct aaacagaccg gattgttgac gtcacaaggc tacgaggctg 240

gagctaaacg gcttctcgag ttcgctgacc tctgcttcaa actagggata aatactgtct 300

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cagcttttgc tttctccact gagaattggg gaaagacaca agattgaagt caaatgcttg 360

atgtatttgt tccaacgtta cctcaagtca aagattcaat ttttccagag caaggaaatc 420

cgagtttctg ttatcg 436

<210> 11546
<211> 429
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-113-Q1-E1-A8

<400> 11546

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agtctcagct ctttgttccc taaacaatca gctctcatca acccgatctc cgctggacgt 120

cgaaacaacc tgcctcgtcc aaacctcaga agacgatgta aggtcaccgc ttcacgggct 180

aatattgaac aagaaggtaa cacagtgaaa gaacccattc agaatattaa agtaaaggga 240

tacataacgg cccaagaaga gtttctggag ggcataactt ggtcgagagg tctcgatgac 300

attgctgata tccgcggcag atcattgctc gtcgagctta ttagcgccaa gactgaccag 360

cggattacgg tagaagacta cgcacaacgt gtatgggccg aagccctgat gagaagtacg 420

aantgcaat 429

<210> 11547
<211> 147
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-113-Q1-E1-A9

<400> 11547

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ctgatttttc ggaggagaaa ggacaccgat gactacgtcg cttgtncaag aagcgaatgc 120

catagtttca tcanggctta cgctttc 147

<210> 11548
<211> 501

<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-113-Q1-E1-B1

<400> 11548

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ctgctctctc tctcttttc attcccatat gttgcttcct tgagtttatc tcttcccaaa 180

gaatgggaag caacatctga ggatccattt gattaccata catatattaa aaacaaaaac 240

atatatcttt gtgtgtgcgc gttaatgatg aaatagcaga ttgagagcaa gaaagaggtc 300

atagctgata accacaatgg agattcagag gatgaggcag ttgatgtctc tttggtctaa 360

tttgaagagt aaccgcgntt cctctcaccg gtgggaatca tacagccgca aggttctgca 420

ctcgctangc tcgcctcttc tctcgctagc ttttctttc ttctttctct tcttcttact 480

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<210> 11549
<211> 507
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-113-Q1-E1-B11

<400> 11549

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tttgtttatt tttcgtgttc attgaaattt ttaacgaaat ggcagtaaat atggaaggtt 180

cacagacaca cttttacgat gaaatcgaac ccttttgtcg atggagaaga acggaagaca 240

tcgacattct tgagctacat cttccttcag gtttgaagaa agagcatctt aaaatacaga 300

tcaacaacag tggtgtacta acaataacag gaggctgtcc agtggaccaa accaaaacaa 360

tcaggttcat gaaagaaaca aaagttgcaa aagattgtaa aagaaatgag attccgtgca 420

aagttctcta agggaatttt gtangtgacg atgccaaaga caatccccaa agcaactggt 480

ccccccaant tcctttgaag ggaanca 507

<210> 11550
<211> 501
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-113-Q1-E1-B12

<400> 11550

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acgcgtccga ggaaaganga gtaggggaat caacgaagat ggtattaact actacagcgg 120

tctcatagat ggcctgatcg caaggaacat aacgcctttc gttacactct ttcactggga 180

ccttcctcaa tcattgcaag atgaatatga aggtttcttg gacagaacga tcatagacga 240

tttcaaagat tacgcggatc tatgtttcga gagatttggt gatagagtaa agcactggat 300

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acaaatntaa nttccanggn g 501

<210> 11551
<211> 500
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-113-Q1-E1-B2

<400> 11551

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ttgaatttgc gaagtatggg agacgctaga gacaacgaag cctacgagga ggagctcttg 180

gactatgaag aagaagacga naaggtccca gattctggaa acaaagttaa cggcgaagct 240

gtgaaaaaag ggtacgtggg aatacacagt tctggattca gagacttcct tttgaaaccg 300

gagcttctca gagctattgt tgactcagga tttgaacatc catctgaagt gcaacacgaa 360

tgtatccctc aagctatctt gggtatggga tgtatctgcc aagcaaagtc tggtatgggg 420

aagactgctg tgtttgtcct gtctactcta caacagattg aaccatctcc tggccaggtt 480

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<210> 11552
<211> 498
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-113-Q1-E1-B3

<400> 11552

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ggaatggctt tttctccaaa aagcccaagg tggctcgttc aacaaggnaa aagtctctga 180

agctgaaaag gcgatcaaaa ctttgtatgg taaagaaaga gtggttgaac tagttcgcga 240

cttatcagcc tctggccaag gttcttctga gccggaggca ngatggtttg atctattcag 300

cagccgctac tggaaagttg taagcgtacg tgcggctctc ttcttgtttc aacagttaac 360

cgggataaac gcaattgtgt aatacncaaa tcggtattcc gtantgcggg aatccaatca 420

gatgttgcag ccagtgctct cgttggagca tcaaatgtct ttggcactgc tgttgcttca 480

tcgttgatgg ataaaatg 498

<210> 11553
<211> 498
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-112-Q1-E1-G9

<400> 11553

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gatccctgag ctcaaggaag agcttaattc ccagtataag gataagagaa aagatgcagt 120

taagaaggtt attgcggcga tgactgttgg aaaggatgtt tcatcacttt tcactgatgt 180

agtcaattgt atgcaaacgg aaaatttgga gttgaagaag cttgtttact tgtatctcat 240

aaattatgcg aaaagccagc cagatcttgc tattcttgca gtaaatacct ttgtaaagga 300

ttcacaggat ccaaatccgc tgattcgtgc tttggctgtg cggacaatgg gctgcattcg 360

tgttgataaa atcacagaat atctatgtga tctcttcaaa agtgcctaa 409

<210> 11554
<211> 444
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-109-Q1-E1-E7

<400> 11554

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gaggagaagt caatttccca aaattggaga aaccaacagg caagaaacag acagcgacgg 120

ttgttgtggg agtgttggcg gtgggatggc tggcgataga gctcgtgttt aagccattgt 180

tcaagaagct gagctcctcc aaggacaaat ccgattccga cgatgccacc gtccctcccc 240

cgtcgggcgc ctgaatatgg tgagtgagaa tttaacaaaa gcctctgcgg gagacacgtg 300

tgttgaagct cattttaata acaaatccnt gtgtttcctt ttgtaananc nttccggact 360

tttacgttac nggctttgan gaangtcccn tttttaaatt taacccccccc cctttcaaat 420

aaaaatcccc gacaaanggg ataa 444

<210> 11555
<211> 417
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-109-Q1-E1-E8

<400> 11555

agagaaatat aaaaacttag acaaatattg ccacaaccgg tgaaaatgga gatcccggtt 60

cgagaggaga gaagatcctc ctcatcctct gccggaccat tacaacaaac catctcctta 120

gcagctgacg acgccatcga tagcggtcca tcctctccgc ttgtcgtcaa agtctctgtc 180

ttcgaaacag agcatgagac gaccaagctt atccacgcgc cgtcaactct gctcggtgaa 240

accaccggag acgctgattt tcctcccatt caaagcttta gagatgctaa acttgtttgt 300

gtggttgaaa cgtctaaanc ttgggaaata nntgcancta nagcctttna aaatcctttg 360

naattacggg ggttaaancc tttaaaaggc atcttccgtt gggcaanatc gggngat 417

<210> 11556
<211> 626
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-109-Q1-E1-F1

<400> 11556

naaaactgtn ttacgcttgg cncgggggcc ccgggtccan agnatanccc gggggctcga 60

acccaacgnc gntccgagcc ctcaatccct ccctcgntct cttctcgttt aggcctctct 120

caaaattgaa gggaagcccc ggaatttagg gggtttcctc caatttgggg tttataatcn 180

aaatttcgga attcaatcct cccaacaaaa aaggcttctc cgaaaagaac tccttttcgg 240

gtggaattct caatccttcc ttcttccttt gntttaagcc ctnccttggg aagggttact 300

ttttgttttg gttactaagt tccaaaaaac aatgcccgga aaaggaagaa ggggaaaaga 360

aacgggtccc ggttatcctc cttggataaa agttattaaa accgaattcg gcccaactgg 420

tggtttggtt gaangggcaa aagncccttt ggccttttgg aaaancccgg aanttganga 480

aaancaaagg tttaaagggg gaaatttggg ggnaaaagaa aggggctccc gtttggtncc 540

ccnggttttt ggttaatngg ggaaacnaat tcccnttcca acaaaattng ggggaaattt 600

ccctttcccn cnaaattttt gggntt 626

<210> 11557
<211> 506
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-109-Q1-E1-F10

<400> 11557

ggnngnacnt taaattcnac gcgntccgta acggtctcca aattcncggg nccatccang 60

cgtccaaaag tttgttttca gaaanaaaga acccaanana aactgcnaca tgcttcacta 120

cgaatgctac atngggcatg ggaanaagac anaactcgac accganactt gtgctaaggn 180

cgttcaacga aacaagaact tgggtcttga agagtacagg tttctccttc gtactatggc 240

tagttccggg ataggagaag aaacgtacgg nccaagaaat gtgcttgaag gtagagaaga 300

ctctcctact ctccttgacg ctcactccga aatggacgat atnatgttcg acactctcga 360

caagcttttc cacaatgaca aaaggntcaa tctcctcctt cagacattga taatccncgt 420

tgtcaacgtc tcantcctcg gctccatctc cttcctaanc tcacgagtca tcaacaagat 480

acaaagatga gaagaagaca tccnat 506

<210> 11558
<211> 496
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-109-Q1-E1-F2

<400> 11558

gnggnnnggn aacntntact cncncgggcc gggtcacagn atnacncggg ccgacccacg 60

cgtcnnccca ngcgtccgcg gacgcgtggg caactacata ctgcaaggca agagctaagt 120

catgccttgt atcagcatga ttctgcttgt cgtgtgattg ctagacttaa aaaagaaaga 180

gacgaagcac gccaattact ggccgaggtt gagagacata tacctgcggc ccctgaagct 240

gtgacagcta atgctgctct gagtaatggt aaacgagctg ccgttgacga ggaactgggt 300

cctgatgcaa agaaattgtg tcctggaatt tcagctgaaa ttattacgga attgactgat 360

tgtaatgctg ctccttccca aaagcgaaaa aagcgacaag attcctcaaa cattggcgtc 420

aataanatac tttgganaag gttantcaac tatcaagcca nccanttnac aagacaacaa 480

acaagcattg ttcgat 496

<210> 11559
<211> 446
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-109-Q1-E1-F3

<400> 11559

aacgcaaaaa tcagtttctc tttgagtaag tgtttattac aattaaacta actcaggcaa 60

gtctatgatc atggcttctt ctgctgctgc atcgatctct atgataactc taaggaacct 120

ctctcgcaat catcaatctc accaaagcac ttttctcggt ttctctagat ccttccataa 180

ccaaaggatc tcatctaaca gtccaggtct ctccacacga gcaagatcca ccacttcctc 240

cactggaggt ttcttcagaa ccatttgcaa caagcaanta gcaattgact aactccaaga 300

caactaaaga ttcaaagagc ttaacgtcta cgagttcaac gaaagggatt gaaacaatcc 360

aancggtttt aaaactaggg aaaaaaacca gattaagcnt tggccccgga natnttgtcc 420

ccctcaanaa acaaactccn aaacag 446

<210> 11560
<211> 408
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-109-Q1-E1-F5

<400> 11560

acagaagcag agcaatggaa tatgcgagac aacgggacca tttgagaatg gactggaaat 60

gggttgttgt aggaggtgtc gcattggctt gtggccttca ctctgggatc attggcaagg 120

ctttactggc tggagctggc cagagactgg ctcgtaggtg agaaaccttg tcgtattctt 180

attatatctt cccttgacag aaaagagaaa catatgcata taattaangg aaaatgtatt 240

atttttgcaa ctcctctgag aaaggcatgt ggttttgggt gggtgaacca tgtanagtag 300

tagctttaaa ctatggagtc ataagttatt tgagttctat cttgtaccac angataatga 360

gatatgtatt taataaccaa tatgaatcca catancttct aaaaaaaa 408

<210> 11561
<211> 411
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-109-Q1-E1-F6

<400> 11561

ctcctccgtc accgagggag agcaaccatg ccaatctcaa ttccccttaa cgccactcta 60

caatactcgt ctccttcttc ttcttcttct tcttcttctc tcgtaccttc ttcccctctt 120

ttctctccga ttccttcaac cactgtttcc cttaccggaa ttcgccagcg atgcctcagg 180

atggtcactt cttgcgtctc caacgctcag aaatccgtcc tgaatggtgc caccgattcc 240

gtctctgtcg tcgggcggga gcagattcgt cttggtcttc ctagcaaagg acgcatggcc 300

gccgattcgc tggatcttct caaggattgc caattgtttg tcaaacaagt naatccaaga 360

aaataagntt gccaaaattc cnaagttacn aantacngaa ntttggtttc a 411

<210> 11562
<211> 554
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-109-Q1-E1-G1

<400> 11562

aaaggagcaa aaacgaaacc acagagagaa agcctccgtc tcccttatca aagaagaaga 60

agacgtgtat aacaaaacac taagacacat tgtgaagata gaaaaaaatg gagagagcag 120

caattctccc gagtgttaat caaaattacc tactttgtcc ttcacgcgcc ttctccacgc 180

gcctccactc ctctactcgt aactttatcg ccgccgtcat ttngcctcaa tcaagcttca 240

gcattcttct tccctcctgt ttccttctaa tgggtgggaa tctctcctta actccgatgc 300

aaacgctggt ttccgtccca aatttccttc ccaaagttaa cggtttgggt aaacctggaa 360

antttaancc ccggaacaat taagaaattt ggggggaata anccggtttt ggggaatttt 420

tgggggggcct ttaaaagncc caaagccctg gaaatttaaa naangggtta angggttgaa 480

atggnaaaaa ntggtttaac caantttgga attggggana aaagnttttc ctccaaaaaa 540

aaggggggggg angg 554

<210> 11563
<211> 401
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-109-Q1-E1-G11

<400> 11563

ggncgcntgg gttnttctct ctctctctgc aaattcaaaa cagtgaaaaa aacctctctt 60

catttttaa ctccctctct ctctctctct ctatggagag acgaacgaga cgagtgaagt 120

tcacagagaa tcgtacggtc acaaacgtag cagctacacc atctaacggg tctccgagac 180

tggtccgtat cactgttact gatcctttcg ctactgactc gtctagcgac gacgacgaca 240

anaacaacgt cacggtggtt ccaagagtga nncgatacgt gnangagatt aagattctgc 300

caangtgaat cttcttcctc tancgcgggc gaggaanngt aagcanaatg gaggangaaa 360

gccttatggg ttgaagatga cgtgtcgacn tcggtgaanc c 401

<210> 11564
<211> 462
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-109-Q1-E1-G12

<400> 11564

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tccaaatgaa actggaanag tcacgggtga aagtttcccg ggtaaggtta aatccccggg 120

agtagaaaga ggaggaagtg agtcatggtc gttttctggt gggttttggg acaaagttat 180

accaaaanaa aaaaggtttc atggaacatc tcataataca ttcttgtttt ttcttttctc 240

tcatatgttc ttcaacccct tgaggaggga gaggtctcag gtttttatca agtgggggca 300

ttattagagg acaatccctt gatttttttcn tttgttttcn tttaatattt ggttanttgc 360

aatccttgca tcatcatttt gtcctttggg ggggttgtan gtttgattta aaccattatt 420

cacaatttta attttaagaa naaangaaac cnnnnggnan na 462

<210> 11565
<211> 428
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-109-Q1-E1-G5

<400> 11565

tgcttttccc ggtgccacca gcttccctca ggtcatcacc accgcagctt ctttcaacca 60

gtcactatgg gaagagatcg gacgggtggt gtctgatgag gcaagagcta tgtacaatgg 120

tggcgtggcc ggtctgacat attggagtcc gaatgtgaat atcttgaggg acccgcggtg 180

gggccgaggc caagaaactc ccggagaaga tcctatcgtt gccgcaaaat atgccgccag 240

ctacgtccgg ggacttcagg gtactgctgc cggtaaccgc cttaaagtcg ccgcatgttg 300

caaacattac actgcttatg atcttgataa ttggaatggc gtcgancgtt tccacttcaa 360

cgctnangtc accaacaaga tttagaggac acatacaacg tgccatcaaa tcatgtgttt 420

acaaagga 428

<210> 11566
<211> 427
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-109-Q1-E1-G6

<400> 11566

ncattttctc tgtaaaaatg ggaactaggt tccaatcatt cttgctcgtg ttcttgcttt 60

catgtttaat cctcatatca actgcctcgt gtgagcgaaa tggtgatgga acgattagaa 120

ttggattgaa gaagaggaaa ctagaccgga gcaacaggct agcttctcag ctttttttga 180

aaaaccgagg gtctcattgg tctcccaaac actattttcg cctgaacgat gaaaatgcgg 240

atatggttcc gctgaaaaac tatttggatg ctcaatacta tggtgacatt accattggta 300

ctcctcctca gaagttcact gtgatctttg atactggtag ctccaatctc tggatacatc 360

tactaaatgt tacctaacgg gtgctggtaa ttccanncca agttnaaggt aacccatcca 420

ncncaaa 427

<210> 11567
<211> 412
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-109-Q1-E1-E5

<400> 11567

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cttcgtcgga gttttgatga tggtgtgaca cgtggttatg aatggagagt gactcagctt 120

aagaaactga tgattatttg tgataatcat gagcctgaga tcgtcgcggc tcttcgcgat 180

gatcttggta agcctgagct tgaatcttct gtttatgagg tatctctact gagaaactct 240

atcaagttgg ctcttaagca gctaaagaac tggatggctc cggagaaggc aaagacttct 300

ctaacaacgt ttcctgcatc cgcggagatt gtgtccgaac ctcctggtgn tgttccaatg 360

atcncggntt ggaacnaccc tttccggtgg ccaattgatc ctgttattgg tc 412

<210> 11568
<211> 454
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-109-Q1-E1-C1

<400> 11568

anctcaagaa aaccctaaat caaaagtcga gatcgaaggg gtccttcgct cgccgtgcca 60

tgagcttagc tcagatccca tctgctcgta tttcctctgg agccgcttct attggtcagc 120

gtcgttgcct cgccggcgcc gctgatcacc atggatctac caaggttgac ttctggaaac 180

agcccacgaa cccaggaaac tggaaagagg agcattttgt gcttatttct ctgtctggct 240

ggggcttact tttctacagt ggatacaagc tcgccactgg gggaaaaaaa gagacgcctg 300

tggagagtac acaatgagtt tcattgtcac caaggaagac cttttatggn gaaaaactcc 360

caattcccaa ngaacttggg tttncccttt taccaaattg ggaacngggc cttgngtttc 420

aattttgaaa aataattttg aancactttt ggng 454

<210> 11569
<211> 424
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-109-Q1-E1-C10

<400> 11569

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accacatgct tggtcgtcta gcttccaaca ctgcgaagga gttacttaac ggacaggaag 120

tggttgttgt ccgatgtgaa gagatttgtc tctcgggagg tttggttcga caaaagatga 180

agtacatgag attccttagg aaacgtatga acactaagcc ttctcatggt cctattcact 240

ttcgtgctcc ttccaagatc ttctggcgca ctgttcgcgg gatgattcca cacaagacca 300

agcgtggtgc tgctgcactt gctcgcttga angtttttga gggaatccca actccttacg 360

acaagattaa gagaatggnt antcctgatg ctcttaaagg ttttgagact tcanantggt 420

caca 424

<210> 11570
<211> 120
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-109-Q1-E1-C12

<400> 11570

gatcatnagg catgaggaat gggcattggt caagaaagat gaagctgtag ctgctaagaa 60

naacagtgtt gaggcccgca agcttatctt caanagagct gagcaatatn ccaaataata 120

<210> 11571
<211> 420
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-109-Q1-E1-C2

<400> 11571

atctccccgc cggtgacttc aatcccagtt gttgaaggga atgaagaatt gaggaagcca 60

cagaatctga ttccgccgtt ttcaaaggtg gtgtctcatt ttggcattag cggaatctcc 120

gtcgcattgg ccactggcgt gactcatcct ctcgatgtag tgaaagtgag attgcagatg 180

cagcatgtcg gccaaagagg tccgttaatt ggaatgactg gaatctttct tcaactgatg 240

aagaatgaag ggcgtaggtc tttatacttg gggttgactc ctgctctcac tagatcagtg 300

ctttacggag gtcttagatt gggattatat gaacccacca anggttcctt tgattgggca 360

tttggattca acaatgtctt ggtcaagata naacaggcgc attnccgggg cttttcactg 420

<210> 11572
<211> 290
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-109-Q1-E1-C3

<400> 11572

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ngcgtgggcg gacgcgtggg cggagaagcg gtttggttca aggctggttc acagatcttc 120

agcgacggag gattggacta cttgggcaac ccgagcttgg tccacgctca gagcatctta 180

gccatttggg ctactcaagt tatcctcatg ggagctgttg agggctacag agtcgccgga 240

gaatggccaa tnggaaaaac aaaaganttn nnttaaccaa gtngganctt 290

<210> 11573
<211> 376
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-109-Q1-E1-C5

<400> 11573

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tcttcttcac atacctagct gctgtatact atacgtgaac caactccgta ttctacttta 120

gaggccatgg gaaaagcttc tcgagacaan agggatatct attatcgtaa agctaaagaa 180

naaggatggc gtgcaagaag tgcttttaag cttcttcaga ttgatgaaga attaatattt 240

ttgaaggtgt gaagagggtc ntagatttat gtgctgcacc tggtaactgg agtcangtct 300

tgagtcntca antagatctt cctgcaaaat cctcanctga atcnaaagat tgggatnttc 360

ccctatanta cccntc 376

<210> 11574
<211> 425
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-109-Q1-E1-C6

<400> 11574

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actcagctga tgctaccaat gagcactgca agttagggtg tgaaacttct gtgtgtggtg 120

ccatgaacac tctccagaac tctgatgcaa gtgaaattgt gaatggagcg tcggaacaat 180

gtgccaaggg atgttctatt ttctgtacca agagctatgt agtcccacct gggccgccta 240

aactgttgta atggtcgtat atgtgaaaaa acaaatgcta gactcttgct attctgggtt 300

tgtgtgtgtg tgtgtgcatg tgtcgtanaa ggtttgttcg atnactanat tgtacatgcc 360

ctctacttcc tataanctaa attaaagant taaacgtact gtcntttatt gaaaaaaaaa 420

aaaaa 425

<210> 11575
<211> 284
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-109-Q1-E1-C7

<400> 11575

caagtcaaaa ntgngtgnnt gccaanactc tgatacatgc cctcgaggtt gggtaaacgc 60

cattctcgaa aactcagctg atgctaccaa tgancactgc aagttagggt gtgaaacttc 120

tgtgtgtggt gccatgaaca ctctcnagaa ctctgatgca agtgaaattg tgaatggagc 180

gtcggaacaa tgtgccaagg gatgttctat tttctgtacc angagctatg tantcccacc 240

tgggccgcct aaactgttgt aatggtngta tatgtgaaan anca 284

<210> 11576
<211> 494
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-109-Q1-E1-D1

<400> 11576

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tccgagctgc tgaagaagaa acctcatcct tcgaacgtta agaggaagaa gaataagaga 120

aatcgattcg tggttttggg aaaattcaat ggcggtttct actgtatcgt cgtttctatt 180

gccatctttc ggcattccaa gctcttcgcc ttcttctacc anactcaaag tctctctgct 240

gccttcatct tctacccatg gcggccttag ttcctgcgtc cttacgaaac catccgtctc 300

gcttacgaan gtcttcgctg ttcccgatac cctagatcca actccagaaa ttctcgatga 360

acccgcctct gaggttccga gctcttcatc catcagtgta gacgcggntt aaaaggngnc 420

aaanccaaag gattaggntn aagcttaatt atacngggtg cctcttattg aggactcatg 480

caagcagata cttg 494

<210> 11577
<211> 152
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-109-Q1-E1-D11

<400> 11577

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tttttatatt cctctgatat tttctctcag tttgatctca tttgctctgc aatggcgact 120

accatgantg ctgcngtttc tctcacatct tc 152

<210> 11578
<211> 501
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-109-Q1-E1-D12

<400> 11578

nnnnnggnnn nggnaacttt taaacttctc acgcagctcc gtaacggtca caanttcccg 60

ggncgaccca cgcgtccggg cgcttgcgtt tctcgatgtc tcgagggatg ctatggcatt 120

ggntccacct gattttataa ctggttatga gtttgttgag gaagctttga agcttttaca 180

ggaggaagga gcangtancc ttgcaccggn tttacgtgca caanttgatg agactttggc 240

agagatcact ccgcgttatg tcttggagct acttggctta ccgcttggtg atgattacgc 300

tgcgaaaaga ctaaatggtt taagcggtgt gcggaatatt ttgtggtctg ttggaggagg 360

tggagcatca gctcttgttg ggggtttgac ccgtgagaag tttatgaatg angcgttttt 420

acgaaatgac agctgctgaa cangttgatc tttntgtnct accccaagca ntattccanc 480

agngtcattt gaagttacaa g 501

<210> 11579
<211> 425
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-109-Q1-E1-D4

<400> 11579

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ggcgttagag gtggttgaat tggagcagca agctcgaatg gtgaaagagc ttgatgggtc 120

tgtcatgaaa tgcgttcatg accagaacgg taatcatgtg atccagaagt gtatagagcg 180

tcttcctcag gattggatac agttcatcat ttcctcattc tacggaaaag ttttagctct 240

ttcaacacac ccttatggat gccgtgtaat ccagagggta ctggagcata ttgatgatat 300

agaaacccaa cggatnatta tggaagaaat catggaatca gtctgtactc naacacaaga 360

ttaataccgg aaataagtta tccagcatat catacacatg gtaaacccat gaacggtcag 420

aaatt 425

<210> 11580
<211> 412
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-109-Q1-E1-D5

<400> 11580

gcttcaattc aataaaaggc gaaaaatctc tcactgcact ttatctcgag agctcagatc 60

tccgatctag agcctttcgc ttctcctctt ctgttcatat aacaactgaa taatgtcgat 120

ctccgcccaa aatccggata tttccggcga tagacaatcc ggccaagatg ttcgtactca 180

gaacgtgatg gcttgtcaag ctgtttctaa tattgttaag acctcacttg gtcccgtcgg 240

cctcgacaag atgttggtgg atgatattgg tgatgtgact attacaaatg atggtgctac 300

tattcttagg atgttggagg tcgaacaacc tgctgctaaa ggtcctgtcn aagtaactga 360

acttcaagat anaaaattcg gtgatgggac aanatcggtt gtaatgtacc gg 412

<210> 11581
<211> 491
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-109-Q1-E1-D8

<400> 11581

gnngnngnnn gttattcgcc cgntcggcac angtcangan ntcccgggnc gacncacgcn 60

tcnacaantg ttngnggaaa tcctggtgct ggaacacttg acttcttgcg caacagccaa 120

cagttccaag ctctgcgagc aatggtgcaa gcaaaccctc aagttctgca gcccatgctt 180

caggaactgg gaaaacagaa cccaaacttg atgcggttga ttcaagacca ccaagctgac 240

ttcttacgct taatcaatga acccgttgaa ggaggggggag aaagtggcaa cctccttggc 300

caaatggcgg cgggaatgcc acagccacag gcgattcaag tcacacatga ggaacgtgaa 360

gccattgaac ggcttgaagc gatgggattt gagagagcat tggtgttgga agtgttcctt 420

gcntgcaaca agaatgaaga atttggctgc aancaatctt caaattacat gcatgaattc 480

naggaataac t 491

<210> 11582
<211> 498
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-109-Q1-E1-E1

<400> 11582

ngnnngnagg ttnntngccg gnncgggtca aagnnaaccc gggncgnncc acgcgtccnt 60

cacattctct ttcagataaa caaacagttt cttagtttcg ttcgagatga gcggtgaagt 120

ttgggagatg gaacaagcaa gcagagatga attcgataag agattgtttg aaacattgta 180

attccatcgc tatcgacaca gagtttcccg gatgcttaaa ggagactccc atggacgcaa 240

gtgatgaaat tcgttataga gacatgaaat tcaatgtgga caacacccat ctcatccagt 300

tagggttaac gctattcggc aaaggaatca ctaaaacctg ggagatcaac ttgtcagatt 360

tcaacgaatc taagagcttg aaaaatgata aatctatagc gtttttaaaa aacaatgggt 420

tggatncgga taagattang agaagaaggt ttggaatcaa aaattcttca tggagttttc 480

tcagattctc aatgagaa 498

<210> 11583
<211> 253
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-109-Q1-E1-E4

<400> 11583

gtgggagana atggaangtg taagatcgag attgagccng acgtcatcga gatacantgg 60

tccngcggcg acagnggtgt tcagtggccg tgtaatgaaa tggaagaaga atgggtacnt 120

gtctcaacct catccgtcgg tgttttcaga gcatctaaat ccaacggtcn taataacanc 180

atcaacagtn actcaccaca ccatctactt ctccataant gggactccac ttactcagcg 240

acngttactg ctc 253

<210> 11584
<211> 431
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-109-Q1-E1-B8

<400> 11584

tttctcactc tctcgtcttc ttcgtctgag ctatcaaact ccagtcaatg gcgatgatga 60

cgacgacgac gacaacattc ttccatccac tacttcctgc taanacttac aaatccggag 120

ctgtagcttc ttcctttgtc tcagttcctc gttcgtcgtc tctccaattt cgctcacttg 180

tgtcagattc tacgtcgatt tgtggtccaa gtaagttcac cggaaaaaac agaagagtat 240

cggttaccgt ttccgccgcc gcaacanctg ancctctcac cgtcatcgtt accggtgccg 300

gtggaagaac agganatatt gtgtataata aattgaatga naagtccgag caattcgtgg 360

gaaaggggtt aattnaggac aaangganaa ttaaggagaa gattaaatgg aaaaggatga 420

antatcattg g 431

<210> 11585

<211> 436
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-108-Q1-E1-H10

<400> 11585

atacaaacac tgataattca agtttgtatt caaggtcaag tatctttaga ggcttatcag 60

cagaagcagt agaagcagct gatcctgcta ctactagggt caccgtctca gatgtgaata 120

gaacaggtcc tcttgttgag tatgagagaa gaatcagtaa tggtgaactc atgactggtg 180

atatctgcca aattagtgca ttgagagagc ttcagagact atatgatgag cttgtggatt 240

cagtagatac atgtcgttta gatcggtata atacttctga taaatcctca agaagtcgtt 300

ggttttggtc tcggctcatg ccacagactt cttactcacc cgtcaaanga ttatacctttt 360

atggaggtgt angtacagga aaaaccatgt tgatggacnt atccttgatn aactgccntg 420

tacttggnaa aaacaa 436

<210> 11586
<211> 435
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-108-Q1-E1-H11

<400> 11586

tgtggatcaa gaaacaatgc aaattcaatg caaaacccta acttttacag tttcntcgat 60

tccttgtaac ccaaagctac cattcccatc ttccctcact ttacggtcat ggaatccttc 120

antcccgagt ttcaaggagc tccgctgttt ccggnccaaa gtcatcactg aaactgaaca 180

nggttttaaa gaaactgtgc aagtacgaat caaggagctt gttgttgatg gagaaaccgg 240

aaatgggtcg atttcggagc tccaaggaga tgcagcaaat ggttcgattt cgccggtggg 300

aagtggaagc agaagtagaa gaagtgaagg tagatgattt ggcgactcag agcatttggg 360

gacagatgaa agagatcgtc atgtttaccg gacctgccgc gggaatgtgg ctaagtgggc 420

cgttgatgaa tccca 435

<210> 11587

<211> 424
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-108-Q1-E1-H3

<400> 11587

atgtgtcgat tgtcccaaat aattttaaaa ataatttcac gtgtcnccat tttgctgacg 60

tcattattcc ccttttttcct ttttattgtc acatcagaat tttttctaac tcattcattt 120

caatcaatct tctncttctt cttcttcttc ttcctcagag aaattctgtg ttgttgtata 180

cagagagatg ttctcanctt ctacactcgn ttaantctct atctctcttc ctctctcttt 240

ctcttctctt cttcctcttc atcctcncaa cacacatcct tctctcttcc tctaccctca 300

tttccaccgc cgatgaccta gacgacctct ctctcttcca ncgcgccgtc gtcgcttcnt 360

ccaacaaaca anaaccgtcg tctcannnnc ctctnngcaa aagcaanccc aaaaggttgg 420

ngtc 424

<210> 11588
<211> 441
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-108-Q1-E1-H5

<400> 11588

tcctctctct ttcatctttc agatccagag agagagaaag agaacaaaac atgaagcttt 60

attctgtttc catcatcatc ttcgtcttaa ttgctctctc caccatagtt aatgctcaac 120

aagctgctac agattcctgc aactcaactc tacctctcaa cgacctcacc ttcaacacca 180

gcctccttca atgcaccgaa gcttggactc cccaaaattt catcctccga tatgcaagaa 240

cggcagagaa cacatggagc tttatcttat cggcgccgga ttcaagcgct ttcatcggga 300

tcggattctc taccaacggt caagatgatt gggaagcaac gcgatngttg ggtggntanc 360

ttccgaacgg ngggttccng gaacngtgaa accgttactt gcccgggggg gaaatctccc 420

ggggnaaggt taaaccctga c 441

<210> 11589

<211> 488
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-108-Q1-E1-H8

<400> 11589

ccgccccngn nnaaacaaaa tcgccggtcg acccacgcgn ccgatttacc tcaccatgcc 60

tgccgctgaa tacggcaagc tcanagttcc tagaactatc tccgatcttc gattgctcaa 120

agagaatctt gggtcttatg caagtgagta ccaagcacgg ttcattttan gttactgttc 180

gacgtatatc tttatgcaga catttatgat acctggaacg atctttatgt cattgcttgc 240

tggagctctt ttcggtgtgg ttagangttt tgttcttgtt gtccttaatg caactgctgg 300

agcatgttct tgcttcttct tatcgaaatt ggtcggtaag ccattggtta actgggttat 360

ggcctgaaaa agttgaggtt tttccaagct gaanattgcg aaaagaagag atangctgcc 420

aaaactacat gcctgttcct aaggntaaca ccaaaaactt ccaaaactcc ttaanaaatt 480

ggtcttcc 488

<210> 11590
<211> 451
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-109-Q1-E1-A1

<400> 11590

ccgnacaggn caaaaactcn cgggtcgann cacgcgtcna caccagatca cgtttntctt 60

cttctcgtca caaattcctt atctctctct ctctttctct cttatataaa gagagaaata 120

tacaaaacct ccaagtacgt ttcatcgatc ctacctaatt catcaaaaaa ttgtgtgagg 180

cttatttgat caataattat gaattctggt cgtcgatcgt taatgtccgc cacggcgagt 240

ctgagtttgc tgttgtgtat cttcaccanc ttcgtcgtgg tgtcnaaagg tgagcttcag 300

agattatana gccggctaaa agcgacggtc cgttaagttt atagcaccga gattgggtcn 360

tctggtcctc aacatcnccg tgctanccna gggaaaattg naaaantgct aaattcgngg 420

gtcacggaaa aattcacaca tgatgttang a 451

<210> 11591
<211> 127
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-109-Q1-E1-A10

<400> 11591

gatccangtc ntgtcaanac atttgtagga gaccatttcc acttacataa nagcattgag 60

agagatgtcc tgaccgatgn ctctttcatg atcattcccg tgttgataac caagttggaa 120

nattctc 127

<210> 11592
<211> 486
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-109-Q1-E1-A11

<400> 11592

nanntcttgc ggccggaacg gtcntnnant cccgggncga cccacgcgtc cgnccacgcg 60

tccgcccacg cgtccgggat ctccaaccag aagagcttca attcttgaca atacctcaac 120

tacttcaaga atcaatctca atcaagaaac gatctccaag aaccttctac ctcataaccc 180

tctccttcat cttccctctc tccttcgcta tcctcgctca ctcactcttc actcaaccaa 240

tcttagccaa actcgacaaa tccgacccac caaactcaga tngttcacgt catgattgga 300

ctgttcttct aatcttccag ttcagttact tgatcttcct ctttgccttc tctcttctct 360

caaccgctgc tgttgtcttc aacgtcgctt ctctttacac cggnaaagcc tgtttccttc 420

tcgtcaactc tctctggnga atcccaaaag gtcctttaaa cgaatccttt aaaaactttc 480

ctttgg 486

<210> 11593
<211> 419
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-109-Q1-E1-A2

<400> 11593

aagacgcatt ggcgcatcaa aacacatctt gccatcagtc atcttgatgt cagcaaaatt 60

aataatatcg tggctgatat gcgcaaggtg ttgtctaaaa atcctcaaat cgagcagcaa 120

aaaatacaca gaagagtctt tctggaggat atagatccag agaaccaagc ccttaggatt 180

ctaatatcct gttttgtcaa gacttcacgt tttgaagaat acctgtgcgt taaggaagca 240

gtgctcttgg atcttcttac tgttattagg catcacgggg cacgtctagc aactcccatt 300

agaacagtac agaggatgcg taatgangct gaagtggaca ctgcaaggat ttcaagacat 360

ccgtttcatc aaancagcaa tgaaccgccg atacatgctg attgagccat cttataaaa 419

<210> 11594
<211> 453
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-109-Q1-E1-A3

<400> 11594

ttgnngtaat tcttatggtn ttttggtgtg tgtctgacng gcctngccat tctctaaaag 60

tnaagtcgtg ntatgggnag tctcgaaggg atggatctgt cagaatctga aaacctgaca 120

gaaattccag atctttcaaa ggccaccaag ctcgagtctt tgatactcaa caactgcaaa 180

agtttggtga cacttccttc tacaattggg aatcttcata gattggtgag gttggaaatg 240

aaagaatgca cagggctgga ggttcttccg accgatgtca acttgtcatc tctcgaaacc 300

ctcgatctca gtggttgctc angtttgaga agttttcctc tgatttcaag gtaatattgt 360

tggctctatc tggnnaaaca ccgccattgn gngaanttcc ttcgncaant tgggaaatcc 420

ttccangagn ttngtgncag ggtttanaag ntg 453

<210> 11595
<211> 484
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-109-Q1-E1-A9

<400> 11595

aacttntncc ngtctgtagc tctgnnnngg tcacnantnc acgggtcgan ccaagcgtcc 60

nacaaggcac aagttgtggg atggccaccg gtgagatcat accggaagaa cgtgatggtt 120

tcctgccaaa aatcaagcgg tggcccggag gcggcggcgt tcgtgaaggt atcaatggac 180

ggagcaccgt acttgaggaa aatcgatttg aggatgtata aaagctacga tgagctttct 240

aatgctttgt ccaacatgtt cagctctttt accatgggca aacatggagg agaagaagga 300

atgatagact tcatgaatga gaggaaattg atggatttgg tgaatagctg ggactatgtt 360

ccctcttatg aagacaaaga cggtgattgg atgctcgtcn gcgacgttcc ntggncaatg 420

ttctccatac atgcaancgt ttactccaag aaagggtngg ttccaatggt cnccccncca 480

aggg 484

<210> 11596
<211> 515
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-109-Q1-E1-B1

<400> 11596

nnnngnangt ttattcnncc ggcggtcaan cnnacgggtc gagcacgcgt ccgcacaant 60

tgtaaccaaa gaacctatat caccaaagcc tctttcatcc ccacgtaagc aacaacaact 120

acaaacagag accaaggaag caaaagcaag cgtgtcacaa accaaactca ctactctaac 180

tccaccagga ccaccaccac caccaccacc accgccacca tcgcccacaa ccgccgcgaa 240

acgaaacgct gatccagcac agccatcacc aacagaggca agaagaagcg tcacagactg 300

tcgcagcttt accaagaacc agcgtctgag attcagcgag cgtcatcgtc gaaagagact 360

ataatggagg aaacactaag gntnactcgt gggaatccga naaaagctcc ntccggcggg 420

aagcaccgcn cctanganna tggattaaaa angaaaaggg gaacacataa ttttaaatct 480

ctaacccctt ttgattggtt tcnctttaaa acaga 515

<210> 11597
<211> 367
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-109-Q1-E1-B10

<400> 11597

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cgtccgcagt gggtgggtgc agttgtaaaa gctccttcat ggtgaaactc tgaatcattg 120

actcaacttt cttctttaca tggactagaa accanatttg atcatttgtt tattacatgt 180

atnatgtcag aagttttgct atgtatcaaa anngcataac tagggaaata tacataanct 240

ctgtaggctt ctagctcatc aaatgatttg tccatcctat ttttaatcac ataatggaaa 300

gatttatgca atncnttggg agnanatnca cccggtcnat gttcccaatg ggtngataag 360

ggangtc 367

<210> 11598
<211> 102
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-109-Q1-E1-B12

<400> 11598

ntctcttgtc ctancaccct aacatcgttc aaatcnatga ttcatcnaca ctgattcgac 60

tctctccatc ttcatggagc tcgtccatcc ctctgtttcg nt 102

<210> 11599
<211> 509
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-109-Q1-E1-B2

<400> 11599

nnnnnnngna antttnacgt tgnncgggcc tggtcanagg ataaacgggt cganccacgc 60

gtccngaaaa acgcgtctcc gagaggaaaa tttagagaaa agcttctcgc gatcgcatcg 120

ggctcgtaga tcgatctcct cctccatcca atcttccgtt ttcgtattca ccgtccggta 180

agaccttccg gtacttgtga atcggagaag aggaaggaga aaaattatcg cgttcctgga 240

aattgaattt ctagggtttc gtttttttct gaattattct gattctgatt tcgtcaaggg 300

tgtttttctt aattggttga ttgatcgtct ttctaagttc aaattgttga aaaagtaatt 360

tgaacatcct attggaaatc ctgcttctcg ttgaatttga attctgggtt tccgttgatt 420

ggtttttttc caanggggtt ggttgtttta acccttttta attccaanaa gatnaatttc 480

caattgagaa gaatncaatg gcancaagg 509

<210> 11600
<211> 429
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-108-Q1-E1-H1

<400> 11600

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atatccgaga cagctatcat gatcatcgtg atttacctcc ggagagacct tttctccgag 120

gccctccatt gttacaacct ccaccaccat ctttgttaga agatcttcag atacaggagg 180

gtgaaatcag aaggcaggat gctgaaatca gaaggctttt gagtgataat catggactaa 240

gctgacgacc gaatggttct ggagagagaa ctcgttgctg ctaaagaaga gcttcaccga 300

atgaatctga tgatttctga tcttcgtgct gagcaagatc tgcaattgag ggagtttagt 360

gagaaaangc ataaacttga nggggatgtt cccgctatgg agtcgtataa gaaaggaggc 420

tcacaattc 429

<210> 11601
<211> 473
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-107-Q1-E1-G11

<400> 11601

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agcntcaagg cngtgtnata cgacggcacg agcttcaccg aagagcgaaa atggtgaaca 120

ttccgaaaac taagaacact tactgcaaga acaaggagtg caagaagcat accttgcaca 180

aggtgacgca gtataagaaa ggtaaagata gccttgctgc ccaaggaaag cgtcgttatg 240

atcgtaaaca atctggttat ggaggtcaga ccaagcccgt cttccacaag aaggctaaga 300

caactaagaa gattgtgctg aggcttcaat gccaaagctg caagcatttc tcgcaacgcc 360

cgattaagag gtgcaaagca ctttgaagat cggtggagac anaaaggaaa gggaacatcc 420

tctnctttaa atttgnttgg ttccatccaa ccnacttttt ttggttttgg ttt 473

<210> 11602
<211> 399
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-107-Q1-E1-G12

<400> 11602

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agattttgta ggtgacaatc aaaagtttga caaaatggtg aagtttacag cngatgagct 120

tcgaaggatt atggactaca aacacaacat ccgtaatatg tctgttattg ctcatgtcga 180

ccacgggaaa tccactctta ctgattcttt ggttgctgct gctggtatca ttgcccaana 240

ggttgctggt gatgttcgta tgactgatac cagagctgat gaggctgaac gtggtatcac 300

tatcaagtcc actggtattt cctcncctac taagaaatga tggatgaatc ccttgaaaaa 360

ntttaactgg ganccagaag acggaaacga gtacctcat 399

<210> 11603
<211> 517
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-107-Q1-E1-G2

<400> 11603

nnnnnngnnn nnnttnnntt ncccgggnac ggtccaanat taacgggtcg acncacgcgt 60

ccgggaacat cttggatgtt tgaaaatcgt gttccgcaca tgctggataa tgattacaca 120

ccatactcct gctcttgata tttttgtcaa gggatttggg aattgttacc ccgaagaagg 180

gtcatcccgt aaagttccaa ctccatatat caacaagtgg cacaccaagc tattcctaag 240

cccggctctg ctggcggggc tggggaacgg gataagatga tgcctgggag tggtgaaang 300

gtttatgaaa acccttgcct gggaattnaa agtcgaaggg gagacttcct gttctgaaga 360

aaacaaagac ctactgaaat ctcttccaac tgaatggcct tcagacccta caactgacat 420

acatagacta aatatgggaa actcnaaaga cattggttgn tcctgatgaa tgattcaact 480

gggnaacaca aaactggttc atgacgttaa aggtttt 517

<210> 11604
<211> 495
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-107-Q1-E1-G3

<400> 11604

nnngggnnnn gnacttctac gttnttcggg gncggtccac anattaacgg gtcnacncac 60

gcgtccggat ggcncgtact aagcaaacag ctcgtaagtc tactggagga aaggctccta 120

ggaagcagct tgctacaaag gctgcacgta agtctgcacc aaccactgga ggagtcaaga 180

agccccatcg ttaccgtcca ggaactgttg cactacgtga aattcgtaag taccagaaga 240

gtaccgagtt gctgatcagg aagctccctt tccagaggct agttcgtgag attgcccagg 300

atttcaagac tgacttgcgt ttccagagcc atgctgtgct tgcactccan gangctgctg 360

aaagcatact tgtgggtcnc ttttgaggac actaacctct gcgccatcca tgccaagcgt 420

gtgaccataa tgcccaaaga cattcaactc ctcgcangat taanagggag aacttgctta 480

aatgtnaatt gggaa 495

<210> 11605
<211> 493
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-107-Q1-E1-H1

<400> 11605

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cgnggacgcg tgggtccgga cagtatcgcc ggtggttaag gagctttgta agaagcataa 120

tctaccgtat aggagtcttt cgtggtggga agctaatgtg tggacgatta ggactttgaa 180

gaacgcggcg attcaagcta gagatgcgac taatcctgtg ttgaagaact tgctttggga 240

agctgtgaac acgcatggct aaatatgtag ttttttatca cggtagagtt acacctaaaa 300

cagttcaatc taattaaaaa gtacatattt attttgattt tctgctgaag tttataattt 360

tctaaatcgc caaaccctaa agaatctatt tttgataaac aaatttgtca gacatgcgtg 420

cttgttctac gtttaagacg gatcgtgccg ggtcaatata catggacaaa ngtactccac 480

cggaaaaaac cgg 493

<210> 11606
<211> 261
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-107-Q1-E1-H10

<400> 11606

annatnantn nggncnttca aaagaacttg cttccgcttc ctggcttttg catgactcca 60

actgaaagat tacttgttta nccctacatg gctaatggaa gtgttgcttc ttgtttaaga 120

gagcgtcctg aaggcaatcc agcacttgat tggccaaaaa gaaagcatat tgctccggga 180

tnagcaangg ggcttgcgta attacatgat cattgcaacc aaaaatccat tcaccgggat 240

gttaangctg ctaatatatt g 261

<210> 11607
<211> 428
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-107-Q1-E1-H4

<400> 11607

tcngaattcg acgtaaacag attncaacaa tggcgggcan ttcaacagca acaagcgatg 60

cagaagaaca ctttatacgt aggaggttta gctgatgaag ttaacgaatc gatccttcac 120

gccgcgttta taccttcgg cgatatcaaa gacgtgaaga cgccgttgga ccaagcgaat 180

cagaagcata gatccttcgg attcgttact tttcttgaga gagaagacgc ttctgctgct 240

atggataata tggacggtgc tgagctttat ggtcgtgttc tcactgttaa ttatgctctc 300

cctgagaaaa ttaaaggtgg tgaacanggt tgggctgctc atccactttg ggcagatgca 360

gacacatggt ttgagangca gcaacaagga gaaggagant ctnaagaanc aagctgagaa 420

caaggctg 428

<210> 11608
<211> 325
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-107-Q1-E1-H5

<400> 11608

taannntnant catatnattg ataatctctt caaacccgtc aatggcaaag acgaangaat 60

gttcagggaa ctcttgttag acttttacta cagttcagag aataggannc cagagcacat 120

cattattttc agggatggtg taagcgagtc tcagttcaat caagttctta atattgaatt 180

ggatcagatg atgcaggcat gcaagtttct tgatgatacg tggcatccga agtttacagt 240

gatagttgcn cagaagtaac cnncacacgn tngttcttcc agtctcnagg ccctgataat 300

gttcctccag gaacaatnat tgana 325

<210> 11609
<211> 454
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-107-Q1-E1-H9

<400> 11609

nnntnccgcg nncaggtnaa ggtcacagan tncccgggcc gacccangcg tcagctcatt 60

tctcttttgc atttctttct ttttttctgc attgcattct tttgaggggt ttaattttct 120

gcatagcttt gtctaatctc ttagagctca ataagagaag atggatgttc cacggccagc 180

tttcaaatgt tttgatgacg atggccggct taaacgttca gggacggttt ggaccgcgag 240

tgcgcatatc ataaccgccg tgattggatc tggtgttcta tcgcttgcgt gggctatagg 300

tcaactcggt tggatcgcag gtcctacagt gatgttgttg ttctcttttg tcacttacta 360

ctcttccacg cttcttancg actgctacaa gaaccggaga ttctggtctc tgggaaagag 420

aaactatacn taacatggac gccggtccga ttaa 454

<210> 11610
<211> 438
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-108-Q1-E1-A1

<400> 11610

ttactgattc ttcattgacg gtaggagtca ccacttttgg cggcgattcc ttgttctcta 60

ttttttttgc acaagcaaca tttagcttct gcaaactcca gttcatctct caaccctcat 120

atcgccgtgt tttctcgctc tagtaccgcg agctcggacg aaccaggaag caatccgtta 180

atctagaagc ggtgttgaga agatgacgat tacatcaaat atctctgtac agaacgataa 240

cctcgttgtt caagggaaga ctatccttac caaaatccct gacaacatta tcctaactcc 300

ggttaccggg taatgggatt cgtttccggt tcaattaaag gcgcgacgtt tggancaaaa 360

gcaagagtcc tcatgtgntc cccatccggt gtattgggag ggtcctccgg gtcnatgtgn 420

cggtttccgg gnttaagg 438

<210> 11611
<211> 437
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-108-Q1-E1-A11

<400> 11611

annnacnctt ncggacnntg attccccggn gccgttttcn gnaacnggtn gggggtttgg 60

ggtcgacgcc gtcgtttgca gttccatcca agttcccttc gtccattacc ttcccggcat 120

attcgcttct ctcggagctt tgatgttcaa ttgcgtcaag aaaagaagac attgattact 180

ctccttacga cgaaggcgag tggagattga agctgtggct tttcatagcg tatgtcgtag 240

catttgtttc cttagctgct tctgttggct tgctgattca agattcggtt gtgaagactg 300

ggccttcaac ttggactggg tgtggctggt gtctttcaat gtgtatttgt attgataagt 360

gggctaatgt attggacatc gcactcaaga gtaacgcaca agcacatact tcatctcccg 420

actcagantc atactgg 437

<210> 11612
<211> 434
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-108-Q1-E1-A12

<400> 11612

gcaaagttgt atttggagct taaaacccta aacccaagaa atccccaact cttaaacttg 60

agaagatgat ggctgatgac actgaactcg tcagtaacac tgaccagaag atggaagacg 120

cttcagccga aaaccctgcc cgaagctgat tccccctcat cggatgattc cggcgattct 180

gattccgact cagaagatga agccgagtcg aatcagcaga ttgtaacctt ggagtcggag 240

ctctccgcta atccttacaa ctacgatgct tatgtccaat acattaagct tctcaggaaa 300

acagccaacc ttgaaaagct aagacaagca agggaagcta tgagtgccat atttccgttg 360

agtccttcct tgtggcttga atgggcaagg gatgaagcgt ctttaaccgc tagtgagaat 420

gtgcctgaaa ttgt 434

<210> 11613
<211> 499
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-108-Q1-E1-A2

<400> 11613

ctttttttcct gccgccaccg gtccaaaaaa tcccgggncc acccaagcct tcnaagaaac 60

acaaacagaa caaacaanna natcaatttg aagagtctct caatcgttag gggaaacaaa 120

tagagaaatg gctaacttta actggcctcc gcttccaacg tctccgccgc tcgtccggct 180

ctccttctca agcctaccgt cgccatctct gctcctgttc ttggtttgcc tccaatgggt 240

aagaaagaag ggangagtga gatgttcaat ggagacaaag caaggaaacg tctcaatcat 300

gggggctgga gtttcagctg caacaacagc tgctttgacg gcggtgatga agcaatcccc 360

gcgatggctt tggttgatga gaggatgtca acaagaagga acaagattan cctttggtct 420

aagcaacaac ctcttgggtt ggattctgtt tggagtcctt ggtttgatct ggacnttcct 480

cctcgtccaa acttcatct 499

<210> 11614
<211> 426
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-108-Q1-E1-A6

<400> 11614

ggccgccact gcatccttgg actccttcgg aagcttgata ctgttcttca gcttctctct 60

cttgctcgcc accgacggcg actcctctag catcctctga agacctccgc cagctcttgg 120

atccaccatc tccgccacaa tctccttctg aaactaataa ttcacgagat tcttcactga 180

cagctgaaga tacagagcaa gactgtccac aatccttcgt aagactatcg tccagtaaga 240

tgctatcctc atcttcatat cgaaggcttg ctgcaggaga tgagcatgat acttccgtag 300

gtgagagatc ttcacaattc caccaaatcc agtcaacgag aagtgctcaa gnnttttcc 360

aatcngncaa cacaagcata aatgaaantt tggttgttca ancagtcatc cggatccaag 420

acgtca 426

<210> 11615
<211> 150
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-108-Q1-E1-A7

<400> 11615

tnaagatctt gtgttccagt anctcgccan gaangtcctc caccgtccaa tggatttcga 60

tctccctgan ctccgttctt gcaatgttga tccatgggac ttgccatgan agaagaacaa 120

ggaagtgtat tacttcggga aaaaggaana 150

<210> 11616
<211> 458
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-107-Q1-E1-F9

<400> 11616

tnactgnccg ccgnccaggt anaggtcana ganttcccgg gccgacccaa ncgtcnncca 60

gactactcat atctaaagag acttttccga gacttgttta tccgtgaagg ttatcagttt 120

gattatgtat tcgactggac tgcattgaaa caccctcaga gtagtgccag gtcccattcc 180

agtacacatg aaaggcatcg taccggtaaa ccagggatgg gtgcgggacc gtctgctgaa 240

aaacctgaaa ggatttcagt agggaacatc cgcgataaat tctcaggtgc ggtcgaagca 300

tttgcgagaa ggaacgttag aggacccagt ccccatcaaa accataccag acatcgaact 360

cttgacgaaa ttccttcaat gaaacctgct gtgaatatgg tatctgagan ngggagaaac 420

ncttccnana tncggcaatn cttccgagga aaagcatt 458

<210> 11617
<211> 490
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-107-Q1-E1-D3

<400> 11617

nnnnnngaac gtntaanctc nncgtgntcg gtccngaatt ancgggtcna cgcacgcgtc 60

cggagtgacn ctcgtgagtc tgatgaagag agatttatca cagacgcaga gagagatggt 120

tctggctccg ttcttggctt tcagctcact cctcctggtg atcaacaaac agttagcact 180

agcacaggag aaattacaca tcatgaagag aagaaagagg ctattgatca aaattgtaat 240

ggctgacttt ggcgtacctg gaaatagagc tgttgaagaa ggagctgcaa aggttgggat 300

tccgaagtgg aaaaagctga agttgtcaat aaccttgttt tcgttacatc cgangcggct 360

ccttactcga aaacaggagg attaggagat gtttgtggtt ctttgccgat agctttagct 420

ggtcgtgggc atcgtgttat ggtcatttct cctcggtact taaatggaac tgctgcaaga 480

caagaactat 490

<210> 11618
<211> 146
<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-107-Q1-E1-D4

<400> 11618

tngcagatcc tgatattcaa attgatntgt gacgatacca acatattcaa atggaccgnt 60

cttatcaaag gaccttcgga gactccttac gaaggcggtg tttttcangc ttgctttttc 120

tgttcctgaa accttatnct ttgcaa 146

<210> 11619
<211> 393
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-107-Q1-E1-D6

<400> 11619

gatttcgaga tccaactaac tctgctcctt atctcagctt gttgaatttg cgaagtatgg 60

gagacgctag agacaacgaa gcctacgagg aggagctctt ggactatgaa gaagaagacg 120

agaaggtccc agattctgga aacaaagtta acggcgaagc tgtgaaaaaa gggtacgtgg 180

gaatacacag ttctggattc agagacttcc ttttgaaacc ggagcttctc agagctattg 240

ttgactcagg atttgaacat ccatctgaag tgcaacacga atgtatccct caagctatct 300

tgggtatgga tgttatctgc caagcaaagt ctggtatggg gaagactgct gtgtttgtcc 360

tgtctactcc tacaacanat tgaaccaatc cnc 393

<210> 11620
<211> 79
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-107-Q1-E1-D8

<400> 11620

cngcattttc aacacttgag ctatggngtt ggagtggaat ctttgttgtg tcgtntgttg 60

gtgctctgtt ttaccctaa 79

<210> 11621
<211> 395
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-107-Q1-E1-D9

<400> 11621

ctctttacga tatctgtttc cgtaccttga agcttgctaa tcctacattt ggtgacctta 60

accatctcat ctcagctaca atgagtggtg ttacatgctg tcttcggttc cctggtcaac 120

taaactctga ccttagaaaa cttgctgtga accttattcc tttcccacga ctccacttct 180

tcatggttgg ttttgcacct ttgacatcaa gaggatctca acaatacagt gccttgagtg 240

tccctgagct aactcaacag atgtgggatg ccaaaaacat gatgtgtgca gctgatcctc 300

gtcatggtcg ttacttgaca gcttctgctg tcttccgtgg aaagatgaag taccaaagag 360

gttgatgaac agatgaagga acgtccagaa anaaa 395

<210> 11622
<211> 447
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-107-Q1-E1-E12

<400> 11622

antnncgcgn ccaggtanag gtcanagant ncccgggncg acccaagcgt cngctcaatc 60

tcaattgttt caggagcttc gtaaaaatgt ctgcttcagc gactcaaacg gccggagaag 120

tttcaatggg gatcaagcct ccttcacacc ctacttacga tttgaaagct gttatcaaac 180

tagccctagc tgaagatgct ggtcatacag gagatgtaac gtgtatggct acgataccgt 240

ttgatatgga agtggaagct tatttcttgg ccaaggaaga tggtattgtt gctggagttg 300

ctcttgctga catgattttt gaacatgttg atccctcctt gaaggttgaa tggatgcgaa 360

aggatggaga attatgttca naaagggntt gangtttggg ggaaatnncc aggnaangca 420

canaaanttg ttngnggcgg naaagga 447

<210> 11623
<211> 492

<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-107-Q1-E1-E2

<400> 11623

ntngngnaac ttcnacnctn ctcggngccg gtccannnan taacgggtcg acncacgcgt 60

ccgnccacgc gtccgcaaaa tacctttaat tttatttgat tccataccct aatttttgta 120

tattccatgt caatgaacgt ttcaggagaa atgggtcaaa agttttggga gaatcaagaa 180

gatcgagcga tggttgaatc caccataggc tctgaagctt gcgacttttt catctcaaca 240

gcttcagctt ccaacactgc cttgtccaag cttgtctcac caccaagtga ttccaatctc 300

caacaagggt tacgtcacgt tgttgaagga tctgattggg attatgctct tttctggcta 360

gcgtccaacg ttaatagctc tgatggttgt gtcctgatct ggggagatgg tcattgccgt 420

gtcaaaaagg gtgcttcaag gnaagattac tcctcagcaa agatgaagat naaaaagacg 480

tttgcctccg ca 492

<210> 11624
<211> 504
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-107-Q1-E1-E4

<400> 11624

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gtccgnttct cantttangg gattgttttt ttaacaaatt tttgccttgc cataagcaat 120

acanccatgg caagggattc tccncngttg ttcncattag cctttggttt tagccctcgg 180

gctcagtgtt cctttccgtt tccggtcacg ctcctcccgt gacaccgaag aaaatcagca 240

tgtccaaaaa cagtatccga actccagacc ttacctttta ccgaaatcac tgagatccta 300

aaccgaaaag agcggtctgc cccgaaaacc cctgagttca aggcaatgtt cacaatgtgc 360

aaaggctacg tgacatacct cgagagcctc tacaagtttg agaatcccat tgtagatgtt 420

ttaggaattg ccaagaccaa gatacaccct gatgaacaaa ggcaattcct tgctgcgcaa 480

agctaagtgt tgggcnggta aatt 504

<210> 11625
<211> 422
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-107-Q1-E1-E5

<400> 11625

gaccacgcgt ccggagaaac gaggcaagag gcaggtcatg atcaggcctt cctccaaagt 60

gattatcaag tttctgattg tcatgcagaa gcacggttac attggtgagt ttgagtatgt 120

cgatgaccac agatctggca agatcgtcgt tgaattgaac ggaaggttga acaagtgtgg 180

tgttatcagc ccacgttttg atgttggtgt caaggaaatt gaaggttgga ctgcccgttt 240

gctcccttct agacagtttg gttacatcgt gctgactaca tctgctggca ttatggacca 300

tgaagaagct agaaggaaga atgttggagg caaggttctc ggcttcttct attgaagttt 360

tattttatgg ggaaacagat tttcattgag ttatttttaa cttttgtcct ccatttcccc 420

ct 422

<210> 11626
<211> 419
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-107-Q1-E1-E6

<400> 11626

aaagacaaaa atatatataa aaaagaaaaa aaaagaaaaa aaaataattg tcttgctctg 60

ttctatttaa cttttcttat atataaaaaa aatggcgaaa aatttactag caatatgtct 120

ggtgtttatg gttgcatcaa gtgtggttta tgaagtgcaa gggactttct tgttaaagct 180

ttacttgagg aggaagtttc ccagacgttg tatcgacttt gccccttatg ctggcaaagg 240

tatgttgatg ctcgtgagca accttgaagg tggatgtccc gcaactagag agttcaaaca 300

attcttttca acgttcaagt cttacatgag ctttatcagc tcagcatcga tatccgcatc 360

gaaaaacatc gatgtggaga tgaatgggag atgtgaattg ctttccaagg ctatgtctg 419

<210> 11627
<211> 489

<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-107-Q1-E1-E7

<400> 11627

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cntccgaacc gtcgttgtat tcgtcttccg cctcctctcc catcggtttt gaacagcttg 120

gcagaagaag tgaaacttga gagagtaatg gagaacttgg aagatctgaa aattcnggct 180

gagcactggt cgcatcangg aattgaatat cttcagaaga taccaccgan tcagctgtat 240

gccgccattg gtgttttgtt gtttacaacc atcttgctct tcctatccat tcgcctggtc 300

agacgtanca gatccaacac tgtactcctt tctgggctga ccggaagtgg aaagactgtg 360

ctcttttacc aactccgaga tggatcgtcg catcagggca ctgtaacatc aatgggaacc 420

aaatgaaggc acttttgttc ttcanagtga aaatactaag aaaggaaann atcaagcctg 480

ttcatcttg 489

<210> 11628
<211> 416
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-107-Q1-E1-E8

<400> 11628

gaaggaaggg ttaagagaga aaggtaaagt aacaagtctc tcgagtttcc tttttgcttt 60

ccctttttgtg tggttcatct ctcagtcttc ttcttctgct ataacgctct tctccatcac 120

cgtataatcg agtttcgatt gtctccgacg aagagaagct gacacttctg gtttcgtcaa 180

tttctactgg gataaagctc tctactacct ttttgctcag agaaaatggt ttgattttcg 240

aggatgataa aggcttcagg ttgttgtaga ggtgtttttg ccagccttgg tgctggtcat 300

ggattttatc tgactatcgt atgtgccttt gatgaaacta aataatgccc cggggagagt 360

tagctatggg ctctttagag actgtttgtt ggcttaaggg ctgcttgggt taaccg 416

<210> 11629
<211> 456
<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-107-Q1-E1-E9

<400> 11629

aactcgccgc gntcggnaaa ggtctcgaan tcncggcccg acccanncgt caaaaagtag 60

antaataact cttaaacaca caaagtttct ttatttttta gttacatccc taattctaga 120

ccagaacatg gatttgatct atttcttggt tatgtattct tgatcaggaa aagggatttg 180

atcatcaaga ttagccttct ctctctctct ctagatatct ttcttgaatt tagaaatctt 240

tatttaatta tttggtgatg tcatatatag gatcaatgga ggaaggtggg agtagtcacg 300

acgcagagag tagcaagaaa ctagggagag ggaaaataga gataaagagg atagagaaca 360

caacaaatcg tcangttact ttctgcaaac gacgcantgg tcctcnnaag aanagcctta 420

atgaactcnc tgtnctggtg ttaaggccga ngttng 456

<210> 11630
<211> 400
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-107-Q1-E1-F1

<400> 11630

ggaaaatgat actggaagtt acacgaatgt gtcttgtgat gactctgatg aaggttttat 60

gagtttggac aagggtatag atgctagtag attggatcat agtgtattgg ggtctaaagt 120

gaaggctaac atcaaagaga ctggagagga tactgatttt catctgcggg ataaaaatga 180

tgctgatatg tactctgatg tttcttgtga tgactctaat gatgaaagca gcaacgaagt 240

tagatctaca ggctataagt cgacgagaca acacaaacaa gcttatgata aaatcaaact 300

acatttggaa agctgaacan gccaagagtt acaaagaaag cctgcaaaac cacgcaagat 360

gcagagcaca atggctattc gctatctcgg tttaagaaca 400

<210> 11631
<211> 383
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-107-Q1-E1-F11

<400> 11631

aanaaangcc gtttgggatt tcttttacac gaacacattc ttccgatctt tcttgttttt 60

aacttaccgg tantaacgaa gatatgcaga ggtttttctc cgccagatcg attctcggtt 120

acgccgtcaa gacgcggagg aggtctttct cntctcgttc ttcgtctctc ctatncgacg 180

acactcagtt acagtttaaa gaaagtgtat ccacagtttg cgcangataa nancgcncct 240

catgcagaac ganttgataa aactaattca tttccaaagg atgtaaactt atggaagcta 300

atgggtgaag tttaatctcc atggaatcac tgcgccagag gaatatggag ggctaggtct 360

tggtnctttn gcantgngtt gcc 383

<210> 11632
<211> 350
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-107-Q1-E1-F8

<400> 11632

aagaaaaaaa actaataann caaaatcaat anaaagagaa taaaaaatgg tgggttctca 60

caaagcaagc ggagtgcttc ttgtgctact agtggttatg gccaccacaa tancaaacgg 120

gacaccggtt gtcgataaag caaaaaatgc agctacagca gttgaagata cagcaaaaaa 180

tgcagctaca gcagttggcg gtgcagctgc atcagttggt gctaaagtat caggtgccan 240

accaggcgca gcagttgatg ttaaancatc aggangccaa aggagananc aaanctgatg 300

atagntgngg catttgcngc tgcatgggaa aagaagcttg tgcagcangg 350

<210> 11633
<211> 395
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-107-Q1-E1-D10

<400> 11633

caaatccatt aagagaccct cccgtgcccg gaaagcaaca atctgtcatc tccttcacca 60

agaaaaacat caaaggactg aatattcccg aaggcgacgg tttcccaaca aagcttttct 120

tcaatggaga agaatgtgcg cttccaaaac atttccctaa gaagagctca gggcatagac 180

gcggtatcag tgtctcaatg tcctttgttt tcgcaacaat cgcggctttt gcactaatga 240

tgattaatta ctgaggagat aactatactt accattcttg atcagttttt ttgatcttca 300

aattcttaag attggtgttt tgatgatgtt gccgaacana nggaaggttn aaaaggagca 360

gatggttata tgattgatct aagttgggaa aaata 395

<210> 11634
<211> 428
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-107-Q1-E1-A2

<400> 11634

gtttccagtc cagaagaaat ttctcaggca attaatatcc caagcccagt tggcactgct 60

ctgtgtatgg ctgcttctat aaggaaagat catgaaaagg aaggtagaga gctggttcaa 120

gatattgctt gcagctgggg cagatccgac tgcgcaagat gctcagcacg ggcgaacagc 180

gttgcatact gctgctatgg ctaacaatgt ggaacttgtg agagtcattc tagatgctgg 240

tgtgaatgcg aacatccgca atgttcacaa tacaattcct cttcatatgg ctttggccag 300

aggcgcaaac tcctgtgtta gcctacttct gggagtctgg ttcaaactgc aatatacang 360

gatgatgaaa ggagataaac gcatttcata taacaacaag atgcagcgaa natgatacnt 420

gaaaaacc 428

<210> 11635
<211> 422
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-107-Q1-E1-A3

<400> 11635

gannccggta acancaggaa aatttgcttt gactcgcaca catcaaggtt actcatannc 60

cagggctgtg aaattgagct tgtgatgtcg catagtangt cccatttcag tnataacaat 120

cagtctgcat gaaaaattaa gctactgttt tgatacgatt gccaacgtga gagtgagaaa 180

ctaagatgtg tgtctacatt aaaacataac aaattnaaaa cgggtctacg cacgtccaaa 240

gtatcantaa cctatcttca tttggttccc catgatatcc acatctcaga ttaggacatt 300

accactttgt gttgcaactt tgcnttgatg catactccat gcatgtttta tttgattttt 360

cagtcatctg ctgcaacccc ttgtggattg tactccgaca cttggaagaa tactcnaaaa 420

aa 422

<210> 11636
<211> 494
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-107-Q1-E1-A4

<400> 11636

nnnnngnaan tgtntacgct tgnncggtnc cggtccanaa attnacgggt cgacccacgc 60

gtccgnngga cgcgtggggt cgaacttgat atgcgttcca gcaatcttcg gaagctatgg 120

gaaggaacta aacaacttag aaatctcaag tggatggatt tgagttattc tagttatctg 180

aaagagcttc ccaatctttc aactgcaact aatctcgaag aattaaagct tagaaattgc 240

tcaagtttag tggagctccc ctcctctatt gaaaaactca cgagtctcca aatattagat 300

cttgaaaatt gttcgagtct tgagaagctc cccgctatcg agaatgcgac taagctccgt 360

gaattgaagc tccaaaattg ctcaagtcta ataagagctc cctctttcta ttgggaactg 420

ccacaaatct gaagcaattg aatattagcg gatgctcaaa gtctcgtgaa aactccccat 480

cctcaattgg ggga 494

<210> 11637
<211> 417
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-107-Q1-E1-A6

<400> 11637

aaacaaagtt ttgttcttgt cttcttcaca agagaagaga tatgtctctc ttactctgtt 60

tttcttcttt ctctcaataa accagcagat acggcgacaa gggcatctga ccagtagcga 120

agggttggag gaaatggctc gatatcttct tctgggtctt caggcactcc ttcaagatct 180

ctcccgtccc acacatcgtt tctagttgca catttggaat ggacagcata atgacattct 240

ttattacaag aatattgccc gtagttgatg tcaacggttt ggcgacaaac tccgcaagag 300

aaatcaccaa gaaggaaggg aggatgtgag agagagacga tgagagtgtc gggtgatctg 360

aatgacacga ggtaaataga tacatgatct gtggaccatg tggctgcaag ggaaaca 417

<210> 11638
<211> 421
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-107-Q1-E1-A8

<400> 11638

ggcttcttcg caacgttctc tctcaaactc gcagagtaac agattcgata atgggaggag 60

gatttagagt tttgcatttg gtgaggccat tcttggcttt tcttccagaa gtgcaaagtg 120

ctgacaggaa gattccattt agagagaaag tgatctacac tgtcatctcc ctcttcattt 180

tccttgtttg tagtcagctt cctctctatg ggatccattc taccaccggt gctgatccgt 240

tctattggat gcgtgtcatt ctcgcatcga atcgtggaac ggtgatggag cttggtatta 300

ctcctattgt cacatctgga ttagtgatgc aactcttagc agggtcaaag attattgagg 360

ttgacaacaa tgttcgtgag gatcgtgctc ctcttgaatg ggtgctcaaa agcttcttgg 420

g 421

<210> 11639
<211> 476
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-107-Q1-E1-B1

<400> 11639

taacttcgga cgcgnnncgn ccatagttat agggtccacg cacgcgtccg aacacgnatc 60

cggagaaaac taaagaagct agaagatgga gaaaagtaat gatcatgaca aggctagcca 120

cggcggctcc ggtggtggtg ccacggagaa gtgggaggag actagcctcg gaatccgaac 180

tgccgagaca atgctccggt tagctccggt gggcctttgt gttgcancac ttgttgtcat 240

gcttaaggac tctganacta atgagttcgg ttcaatttct tagtccaatc tcacagcctt 300

taagtacttg gtgcacgcaa atggaatatg tgcatgctac tctcttctat cagcanccat 360

tgcangcgat gcctcgttct tcttcgacaa tgcctccgtg tttggacctt cttttgtctc 420

gaacagcttc tgaccnacct ggttcttgct gctggagctg tatcaagcng aangnt 476

<210> 11640
<211> 396
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-107-Q1-E1-B10

<400> 11640

agtttccgtg ctctattacc gatgggaacc aaagtaaaat gtctttcaga tgctggtttt 60

tttctcaaca caagagacgt ctcaggagtt caatacatta agnacatact tcgaagatgt 120

tgttactctt catggatcag caaagaactt gccgaggtca tgcacatcaa gattaactcc 180

tgcaatgtgt ttctttccgc aatatgtggc tcgccagatt agaactcctc tgttcattct 240

taatgccgct tatgactctt ggcagataaa gaacattttg gctccgcgag cagctgatcc 300

ttacggaaaa tggcaaagtt gtcaactaga catcaaagaa ttgcaaccaa agtcagatta 360

aaagttatgc aggatttcag gttagagttc ttgagt 396

<210> 11641
<211> 466
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-107-Q1-E1-B11

<400> 11641

gtgggnggng gtaactttac gctcccngcg gncaggcana ggtcanaggg tncccgggcc 60

gacccaagcg tcagcaagtg ttcaggacca gggtcacaca aagccaagag agtgccattc 120

acacaagaca tcgacgacaa agaagctaac tgtttcctat ccctcggcta catccaagga 180

tccaagtggc ttctcccacc acccgctttg taaattcttt aatatcaacc tattaaaatt 240

aaaattaaaa cgtaaaacta aaattaaaac ttctacttac atccttttt caccgaaata 300

tgtttatcgg tgtatattat ttttgtcgat attttctttc aatttccaag aaatcctctc 360

ttctttaaat atcatggagg agttgagatt tatgtaattt tggtttcatt ataataaaat 420

gttgtttccg ttcaagannn gnncngnnnn tnctngncng gntttg 466

<210> 11642
<211> 369
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-107-Q1-E1-B6

<400> 11642

cccttnnaan nctctaaagt gacgtngtat taaanaagag cgtcttcata aacgcccttc 60

gtcttcttcc ctgcaaatct attttctaga tctttctttc ttccgcgaaa cgacaatgag 120

agagtgnggn tcgatncaca ttggtcaggc tggtattcag gtcngaaatg cttgctggga 180

gctttactgt cttgaacatg gcattcagcc tgatggccag atgcctggtg acaagantgt 240

tggtggaggt gatgatgctt tcaanacctt cttcagtgan actgggtgna ggtaagcacg 300

tcgcacgtgg tgtcnttgtt gatcttgagc caactgtgat ngacgnggtc aggactggta 360

cttacnttc 369

<210> 11643
<211> 392
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-107-Q1-E1-B9

<400> 11643

attggataac agttattcgt ctgggttcag tgaagatgga gcagaacgag ttcatggagg 60

caataatgta cgttaatggt gttcgtagag ttttgcctga tggattagct cacatgacgc 120

ttctcgaata tctcagagat ttaggattga ccgggacaaa gctcggatgc ggcgaaggtg 180

gttgtgggtc ttgcaccgtg atggtgtcta gttatgaccg agagtcaaag acatgtgtgc 240

attatgctgt caacgcttgc ctagcacctc tctactctgt agaagggatg catgtaatat 300

ccattgaagg agttggtcat cggaaacttg gcttgcaccc tcttcaggaa gtcattgggc 360

atcttcgcat ggttccnaat gtgggttttg ta 392

<210> 11644
<211> 241
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-107-Q1-E1-C11

<400> 11644

ttggttgctt cntctctgat ctttctntct ttttttttt tntgnaagaa tcaatttccc 60

tcncaaatca gaaatcnaaa aatgggaaca acgatcntgg ttctctccaa gatcctgaac 120

tttcttacta acaacagtgc tgattggatc cagtgtgatg cagtgtagta gtgtaaccna 180

cgataagaaa gctatcgtca tcaatggcca ccgtanaatc ctcctctcng gntctantca 240

g 241

<210> 11645
<211> 394
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-107-Q1-E1-C12

<400> 11645

cgtccgccca cgcgtccgta tatttgaagc tactaaaatc ccatgccaga gcaatgagtt 60

tgttcttgag cttctcagag gtgttcgcca gcattttgat aggtttatca aggacttaaa 120

gcctggtgat cttgaaaaat ctcagcttgg attagctcac agctacagca gagccaaggt 180

gaagttcaat gttaaccgag tggataacat ggttattcaa gctatcttca tgcttgacac 240

gcttgataag gatatcaatt cctttgccat gagagtcagg gaatggtatt cgtggcactt 300

ccccgaacta agtgaagata gtcaatggac aaactatctt acgcccgttg ttcaaaagat 360

gattgatgac aagtcaaagt tgactgaaag atta 394

<210> 11646
<211> 417
<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-107-Q1-E1-C4

<400> 11646

gcgggacgcg tgggtttcgt ttccgatcgc acttcttctc aagtaaattt aatagacgtt 60

tgttgggtga tttaagaaga tgggtcaaga tccaagtact ccgacannta tttcgatgat 120

actttcgaat acaggcacgt tgtacttcct ccggaagttg ctaagctttt acctaagaat 180

cgtattcttt cggaaagtga atggagagcc atcggagtgc agcaaagtcg tggatgggtt 240

cattacgcga ttcatcgtcc tgagccacat atcatgctct ttaggaggnc tcttaactaa 300

cagcaagagc accaagctca gattgctaaa gtagaagaat tatgcaaaat tctccctaat 360

ctctgtttat gtctctcgta aacgaaggtt ttaaaatacn actctgatgt tttgttc 417

<210> 11647
<211> 466
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-107-Q1-E1-C9

<400> 11647

gnnnngnaac tcnananntc gccgccaggt acaggtcaaa gagtccccgg gncgacccaa 60

gcgtcngccg aagtagagac gttgggtcgg gtcagacatg gaaacatcgt gaaacttctt 120

atgtgctgca acggcgagga gtttcggttc ttagtgtacg agttcatgga aaacggcagc 180

ttaggtgacg ttttgcattc ggagaaagaa catcgtgccg tttctccact tgattggacg 240

acacgatttt cgatcgcggt tggtgctgct caaggacttt cttatctaca tcatgactct 300

gttccgccta ttgttcaccg tgacgtcaaa agcaataata tattgttgga ccatgagatg 360

aagccacgtg tcgccgattt cggtttagct aaaccgttga agagagaaga caatgatggg 420

tgtctccgat gtttcaatgt ccttgtgttg cctggttcta cggcta 466

<210> 11648
<211> 471
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-107-Q1-E1-D1

<400> 11648

nnctnccggt gccctccaaa aattaanggg tcnacncacg cgtccgaaaa tgtcttttct 60

tgcgccttgt caaattttgg agctgaatat tatttcggcc caagaattgg cgcccgtggc 120

acggtgtatg aagacatatg caatcgcttg gattgatcca gagcgtaaat tgacgactcg 180

ggtcgacaat acgggcggaa caagccctac atggaacgac aagtttgtgt ttcgtctaga 240

tgaggaagca ctctacgatg ccacatcaat agttgttata gagatctatg cattgcattg 300

gttcaaagac attcatgttg gaacggtaca agccttaata agtgaccttg taagcccttc 360

ttcggctatg agattcgtta ccctagaggt tcttcgtgcc tcgggccgcc cccacgggct 420

cctaaacatt gccgtggggg cttatcgata actcaagnca aaacatgcct c 471

<210> 11649
<211> 380
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-107-Q1-E1-A12

<400> 11649

ctaattgatt gatcttatta agaaatcgat gtcttactcc atgacttttt tttaggaaaa 60

aagaggagaa caacagcctg acattaggtc ctattaaagt accccgttag gtagggaatg 120

aatagaaccc atcattgatt tgagatattg atagggtgaa tacccagtct actcaatgct 180

aggtagaatg agtataagga actcaaaaat gatcttttcg tcctatgaac cttaaggtgt 240

atcaagtttc atgtttgatt ttttaatcag gatgttagag actatattta acttaagttg 300

atctagacca aaagcaaacc tacgtcaaga gaaaccctcc tttgaacact ttggnagttc 360

tncggtattg tattanaatt 380

<210> 11650
<211> 317
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-103-Q1-E1-G6

<400> 11650

aatttttagc atggggagtg aagtcaaccg tccactagct gattttccag canatatctg 60

ggaagatcca ttaacttctt ncgnggngtc ngacctcgga actgagacgt tcaaagagaa 120

gcatagtacg ctaaaggagg cggtgaagga agcttttatg tcttccaaag cgaatccgat 180

agagaacatc anattcatcg atgctctatg tcgccttggt gtctcctatc actttgagaa 240

ngatatngta gaacaattgg ntaagtcatt tgnttgtctt gattntcctc agatgggtna 300

gacangaggg atgcgat 317

<210> 11651
<211> 504
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-103-Q1-E1-G8

<400> 11651

gtnngtantt ccatcnagnt cgnnccgnac anatngcncn attcgcgggc cgacccacgc 60

ntcnaagaga tctctccccc aatcatgcct gcgatacaat ccccatcggg gaagatcttg 120

cagcttgaga tggagaattt caaatcttac aagggtcatc aattggttgg tcctttcaag 180

gatttcactg ctattattgg tcccaacggt tctggcaaat ctaacctaat ggacgctatt 240

agcttcgtcc tcggcgttcg taccggtcaa cttcgtggtt ctcagcttaa ggatcttatc 300

tacgcttttg atgatcgtga caaggaacag agaggtcgta aagcttttgt tcgactcgtt 360

tatcagatgg acgatggagt agagcttcgt ttcactcgtt ctattactag cgctggtggg 420

agtgaagtac cgtattgata ataaggttgt gaatttggnt gaatncaatg ggaagctacg 480

attccctggg aaaacttgta aagg 504

<210> 11652
<211> 457
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-103-Q1-E1-G9

<400> 11652

aattccactt ngnncggccc aggtcanagt atcncgggcc gacccacgcn tcaacacaca 60

cttcnggtgc tcaaaatcac cgctgatcnc ganaancgca ctaatctcca gccttccggt 120

ggctgcnacg attccaactt cccttacctc ttcaagttga aatgtgaaan atgtggagag 180

gtgactccna aagaaacatg tgtgactttg aatgagactt ttactcctcc gggaggtaag 240

ggtacttgtc atcttgttca gaagtgtaag ttctgtggaa gggaanggaa ngtgactatg 300

attccgggca aaggtcgacc tttaactctg gaanattctg angctggata acatgcccct 360

cttatggtgt ntgactgtcn tggctatgaa nccattgaat tccggatttg gtggaaattg 420

naaagctcaa gctgaatctg naaccaaatt tgatgag 457

<210> 11653
<211> 469
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-103-Q1-E1-H1

<400> 11653

gncccaggtc anaganacgn gggtcngtcc aancctctac ggnaaactng ngnaangcag 60

caggctctgg ttaaaggatc aggtgcaccg atcagacatg gttcagtcca cgttaagttc 120

cctgagccag acaccgaagg caacaagatc ttcgagacct tagaaaatga gttccagaag 180

cttggaaatg accagaagat ctgagtgatc tacaaccctt ataacacgaa ttgcccataa 240

gaaaccggaa tttgtctctg gttgatganc antatttaag ataagaatca atcaccttta 300

cntgtattac tagtttcgct tgcatcagct cgatgcaggt tttgtttaaa aagaagatgg 360

aacacaattt cctcggaatg gatnntttga tctagnacca ttatatatat ngaactccaa 420

aaaaaaaaan aaaggngggc ccnccaaaag ggttcnacct tntttgccc 469

<210> 11654
<211> 456
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-103-Q1-E1-H12

<400> 11654

nnttnccttg ccccgtcaan acanangacg cncggnccan tncncnaccc natcgtgngn 60

nnngnngagc acttcgacgt tctgactaaa tccggtgaga agaccggtgt gtccaaaccc 120

aggggagagg ttcacagaga tggagattac catcgtgctg ttcatgtctg gatttttgtg 180

gagactactc aacagctact tctccaactt cgatctgatg ataaagattc ttggcctggt 240

caatgggaca tctctagtgc tggccatata tcagctggtg atacatcgct tctatctgca 300

cagcgggagc ttgaggaaga gcttggcgta aaactcccaa aggatgcatt tgaaaagatc 360

ttccgttttt ctgcangaat gtgtcacaaa cgatggcaaa ttcataaaat aatgagttca 420

atgatgtgta tcttgttact attctgcatc caatcc 456

<210> 11655
<211> 503
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-103-Q1-E1-H2

<400> 11655

gnnnngnant tcnatcnagn acgnnccagg ncacnagacn cnngggncga cccangcctc 60

tagaganatt cttncnaccg gagctaaatc gctattaggg ctttcgatgg cttctccaaa 120

agggattttc gatagcaatt caatgagtaa ttcaagatct gttgttgttg ttcgtgcttg 180

tgtttctatg gatggatctc aaactctgag tcataacaaa aatggatcta ttcctgaggt 240

taaatccatt aacggtcaca cgggacaaaa gcaaggacct ttgtctacgg tcggaaactc 300

gacaaatata aagtggcatg aatgttctgt tgagaaagtt gatagacaga gattgcttga 360

tcagaaagga tgtgtgattt gggtcaccgg tcttagtggt tcagggaaga gtactttggc 420

ttgtgctttg aatcaaatgt tgtatcaaaa agggaaacct tggtaaaatc ctgaagggtg 480

aataatgtaa ggcatggctt aac 503

<210> 11656
<211> 72
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-103-Q1-E1-H3

<400> 11656

tgaggtatct ctctactttg tacagttgat caaggantca nagctatcta gggacttnag 60

tcacaagata ca 72

<210> 11657
<211> 469
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-103-Q1-E1-H4

<400> 11657

ngttcnttgg cccgntcngt accanatcat acacgggncg gnccacgcgt ccnanccaag 60

cgtccgctct gccaatctca tcttcaacct ctctctaact ctcgttttcg attctacaag 120

tggctgacaa gaagattagg atcggaatna acggattcgg aagaattggt cgtttggttg 180

ctagagttgt tctccatagg gacnatgttg agctcgtcgn tgtcaacgac cccttcatca 240

ctactgagta catgatctac atgttcancg tactacagtg ttcactgtca atggaaanac 300

aatgaactca agatcaagga tgagaagacc cttctcttcg gtgagaaacc agtcactgtt 360

ttcggnatca tgaacccnga ngatatccca tgggccgagg ctgnaaactg actacattgt 420

tgaatctact ggtgtcctca ctganaaaga caaaggntgc aggncacnt 469

<210> 11658
<211> 500
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-103-Q1-E1-H6

<400> 11658

nnnngnantt ctatcngntc gntccggnca nacacacnat ncgcgggccn acccacgcat 60

cnagagaaca tagtttcntc ttgcttttga gaaaaaataa ttatatattt ttatatagga 120

aagggttaat ttattaataa aaaaaaataa aaagaagcan aaaagagata atgcagggtg 180

gtaggctttt gacggtgttg gtgtgcctcg cctccacggt ggcgttggtg agcgccggtg 240

acccttactt ctactacacg tggaacgtaa cctacggaac cgccgcgcct ctcggaattc 300

ctcaacaggt gattctcatc aanggacagt tccctggtcc taacctaaac tcaacctcca 360

acaacaatgt cgtcatcaat gtcttcaaca acctcgacga gcctttcctc ttgacctgga 420

gtggactcca acacaggaan aactcatggc aagatggtgt gactgggaac tcatnccaat 480

cccaacaagg aacaatntna 500

<210> 11659
<211> 213
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-106-Q1-E1-A10

<400> 11659

caagaagaag gnttaancca agaacgctct ccanaactac gcntataaca tgaggaacac 60

catccaagac gagaagattg gtgagaanct cccggggtgc agacacagaa gaagatctag 120

gattctattg agcacgcgat tcanatggct cnaggggtaa ccaatttgct gaaagggtga 180

tgantttcaa agacanagat ttaanggaat tgg 213

<210> 11660
<211> 461
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-106-Q1-E1-A11

<400> 11660

tcacgctgnc caggctccgt canagnatac gacgggncga ggcncgcgtc nncccanacg 60

tccgggagca aacacggcaa ggtacctatc cacatgcgaa aactgtgtat ggattgaata 120

tccaaaggca ctcgctgcaa ggagatggta ctcaacacaa gccactcttc ctgatggaac 180

tttcatcgtt gttggaggcc gtgacgctct caactacgag tatatccttc cggaaggaca 240

aaacaacaag aaactctatg actcacaact tcttagacaa acagatgatc cagaagaaaa 300

caatctttac ccttttgttt ggcttaacac tgatggtaac ctcttcattt tcgccaacaa 360

ccgatncatt cttcttaacc cganaacana caaagttgct caaaagagtt ccctcaaact 420

tcccgggtgg tgcccgttaa ctaaccctgg gttccgcctc c 461

<210> 11661
<211> 396
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-106-Q1-E1-A12

<400> 11661

tcttcctttt gctttcgcat cttcttcttc gtcaacgaat cctcggactc tccggcgatg 60

ccccgtcgat taaacgacgg cgagcctggc cgttttaccg ccaccgttct tcttttaatc 120

ggtttaatct cttgtgttat cgtctacgct gttttctctt ctgtcctccg tccatcccaa 180

gatcctacac tcgttgattc cgcggttcga ttcaaagagg agccgcgaga tcacgatgca 240

actgaagacg gtgaaggtgg gtgttgccgt ggaattgata atctggagct ttggggtccg 300

gcggtgaagt ggggcacgga ttttaagttt aattcgtccg aaggatgttg taaaacttgt 360

aaagttaagg tgtattggna acaatggacc ttgctt 396

<210> 11662
<211> 475
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-106-Q1-E1-A3

<400> 11662

nnnnnnngna annttnnntt gccnngnacg gtcaaggtca tnnagnccta gncacncgtc 60

cncgaaatct cgacactaag aatttctctg gggtttctct cctcaaactc gatctgattc 120

ttttgttcta gggttttcac tcaattggat ctttctcaat ctcctctctc tcaatttgat 180

tattttgttc tccgtgatgg ttgctggaaa ggggaaatca agtagaggcc atggtgggag 240

aaccgaanga ggtgagagaa ctggtgggag aaccggagga ggtgagagaa ccgaatgagg 300

atcgtcatct catgcctcca acccttattc ttcgaacgcg actaattcag tgactcaatc 360

atctagagca acgcttcctt ctcaagtacc cagcgaggtc acaaacaccg actcctaatt 420

ccttgccatc aacggcaagt cgctcaacaa catcctctta attacaacag ccgct 475

<210> 11663
<211> 81
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-106-Q1-E1-A7

<400> 11663

agatgcanca tctcttttca cttagtcaat caagattatt cgangacatg gatttgtgtc 60

attaattcag anttatatnt a 81

<210> 11664
<211> 480
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-106-Q1-E1-B1

<400> 11664

gnnnnnngna nctgttactc gccacgntca ggtnaaggtc anagcgggnc ganccacgcg 60

tccggtgaaa cgcttataaa aataaaccgg tttaatttca ccggtttacc ttccgccgta 120

gatatcaagc cgcaatgtac attctcgaca ccggagctcg attctccgcc gtcagattct 180

caccggtatt caatcctcct ccaacatctc tccgtagacg atacttcatc gtaagagcta 240

atcttccatt cccaaagcat caagctaagt atcataaaga gcttgaggtc gccattgatg 300

ctgttgatcg agcttgtcgt ctctgtgttg atgtcaaaag atctcttttt tcttctaaag 360

agaagattgt tgagaagaat gatcaaactc cagttacaat tgcagatttt ggagttcaag 420

cnttaatcaa gcntgggagc ctttcaaaat gttccctcaa taccattaag tggctgagga 480

<210> 11665
<211> 421
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-106-Q1-E1-B10

<400> 11665

gggccgannc angcctcnaa gtgnnaagnc gncttntata gacaccttat caaaatatct 60

tgatttttat ttacattatt aatttttttc ttgtttttttc actaccggcc acgccattta 120

aaaagtttgg tgactttatt ttactggttg ttttattatt gaataatatt tcttagttaa 180

ttttgtcact actaatccgg taatcccaaa tctacttaag tatttatgta agattcantg 240

ttttttttct tcttanaatc tgaagattcc anagttaaaa taantttttga acttaanttt 300

aggatcacag gaagaaaagg agtggggagg gtgtgcaaat aaaaaaaagt gctagatgga 360

atgtgacaca aaatcctaga taaagggntg angaagtcag tngacntggg gancttatan 420

a 421

<210> 11666
<211> 441
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-103-Q1-E1-G4

<400> 11666

tttggnnaaa accacttcta ccagaaattt ttagcatggg gagtgaagtc aaccgtccac 60

tagctgattt tccagcaaat atctgggaag atccattaac ttctttctca aagtctgacc 120

tcggaactga gacgttcaaa gagaagcata gtacgctaaa ggaggcggtg aaggaagctt 180

ttatgtcttc caaagcgaat ccgatagaga acatcaaatt catcgatgct ctatgtcgcc 240

ttggtgtctc ctatcacttt gagaaagata tcgtagaaca attggataag tcatttgatt 300

gtcttgattt tcctcagatg gtaagacaag agggatgcga tttgtacacg gttggaataa 360

ttttccaagt tttcaagcaa tttcggctta aactttccgg cgaagtgttt gnagaagttc 420

aagggcgnaa attgggaant t 441

<210> 11667
<211> 468
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-103-Q1-E1-D9

<400> 11667

gnnnnnnggt anttcnattg ttcggcccag gnctccngta ncgnggnccg anncaagcnt 60

caagtangna tcgntctacg tttcaaagag cagcttctca catcgctgaa gctctcctct 120

cactcatcca caacgaatca tcaccaccgt taatcacgcc ggagaatctg attctccgaa 180

tcgccgctta cagatccttc tccgaaacct cgccgtttct ccaattcgtt aacttcacag 240

cgaatcaatc gattcttgag tcctgcaacg aatcagggtt tgatcggatc cacattatcg 300

atttcgacgt tggatatgga ggacaatggt cgtctctaat gcaagaactc gcttccggag 360

ttggaggaag aagaagaaac agagcatcgt ctctgaaatt aaaaagtctt ggctcctcaa 420

ccttctanag tctccgacga gttcgagctt cgtttcacaa gaggaaaa 468

<210> 11668
<211> 467
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-103-Q1-E1-E1

<400> 11668

aattcntcng ngancancca ggncngcact gcacgngggc cgncccacgc ntctanggag 60

tttcangtta tacaccggag aaaccgtata cgccttcgca gacgcgctta cctacactaa 120

attcgaccat cagctaatca aagcgccaag actcgtctct ctcagtctcg acgagaacca 180

cccttgccga tcatcggagt gccaatcttt ggacgcgatc ggacctcact gcgagaacgc 240

cgttgaggga ggatcggatt tcgaggttca tttgaatgta aagaacaccg gagacagagc 300

gggaagccac acggtgtttc tgttcacgac gtcgccgcaa gtacacggat ctccgattaa 360

gcaactacta agatttgaga agattcgtct gggaaagaat gaanaaacgg tgggtaagtt 420

taacgtccan gtgtgttaag nttnnaatnt gggttaannn anacngg 467

<210> 11669
<211> 345
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-103-Q1-E1-E10

<400> 11669

cnattcagac gatcaacana cattttatc ataatcataa tnagaaaaaa gtgttaaact 60

ttctcgtgag tttatatant ctgctanggg ngcngtttat aatggtttnt ggttgtttct 120

tangtttctg tttaaatttc ggattcttcg atctggatcg ttgttgttag cttctcaaca 180

tctaaaaaga tggattcttc ttantccttt gccttgggga canggtagtt ctattttgcc 240

aggattcagt ttcaggaatg taggngaaca gattttacgg tgagaagaac aacnacaatg 300

gtttgtgtca aggttttgga tnagattggg gcncaaggan tttna 345

<210> 11670
<211> 460
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-103-Q1-E1-E11

<400> 11670

nnnnnngtan ttctattgnc gcccaggtca aggatcgcgg gncgacccac gcntcnngaa 60

nttttgcttt tngctgctag agcttcaaga gttgagaacc aagatgctat tgatgctgct 120

atggttggaa tgctcgctga tccaaaagag gcaagagctg gaatcagaga gattcacttc 180

ctaccattca atccagttga taagcgaacc gctttgacgt ttatçgacag caacggaaac 240

tggcaccgag taagcaaagg agctcccgag cagattcttg atctctgtaa cgcgagagct 300

gatctgagga agagagtcca ctctacaatc gataagtacg ctgagcgtgg acttaggtca 360

ttagctgttt caagacagac tgtaccaaga naaaacaaaa gnaaactctg gtagtccatg 420

ggaatttgtt ggtgtgttgc ctctgtttga tcctccaaga 460

<210> 11671
<211> 91
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-103-Q1-E1-E3

<400> 11671

gataaatctt cgtgatgagc ttgaanagcg tgagangaga catttctcat caaaagacat 60

gatcatanca tgatgataga gatngcagaa a 91

<210> 11672

<211> 439
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-103-Q1-E1-F1

<400> 11672

ccgagnngat ggattagtga atcgagaggt tgatatcgtt aaatgcgggg attttgcaat 60

ctagggttct taagcattgt aatcgatgaa ggctcaaaag ggaagctcga agaagaaagg 120

tacgaattct gggttagtcg ctgtagcagt ggataacaat aaaggaagcc aacatgctct 180

caaatgggct gctgatcatc ttgtctctaa aggacaaacc attatcctcc tccatgttat 240

ccttaggtca tcctctgatt caggtgagat tactgcagag aaacataagc aagctgaaaa 300

tctttttgtg acatttcatt gctactgcag tcnaaaagag atacaatgcc ttgatgtcac 360

gcttnangat gacaacattg tcaantcccc tnggggaaaa attttccccg gggtgtnatt 420

gaaatttntn ctnggggcc 439

<210> 11673
<211> 308
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-103-Q1-E1-F2

<400> 11673

tacactgagt nntnttaacc gggtccataa attaaagtcg cttgtccacc ataaatccat 60

ccaatctggt gaagacgctt tgattagggt gcgatgaana aattttgcan tatttttttg 120

acatanaaat tatatggata ttttatagat aagacggagt ccattcagga ttggagttta 180

taanctgaag agtgactcgt gaattgggta gtaattgttg tgtggattcg catttatgcg 240

agaatgtttt aataattatt cnanaagtaa taatatcant gaaattttga agttttattt 300

aaannant 308

<210> 11674
<211> 441
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-103-Q1-E1-F3

<400> 11674

caaancntct cagcacggtg agagattccg gtgataacgt cctccgatgg cgacaactca 60

accatgtctt atcggccaaa taatcgctgt tcctcaattt cacatcctct tcagccccag 120

aaattctcta aagccggagc tctcgaccaa caaacgcaca aatttctccg tatctatcgg 180

tctacgacat tccttcgctt cttctatatc aacctgtaac cctaaagccc catctttaag 240

ctgtctgcga aattgcgccg ctgttgatgg agctgatact agttcgagtg aggataagtg 300

ggattgggat tgggatcgtt ggaaccgtca cttctccgag attgaagaag tcgagaacgt 360

tgtttcncct ctcaaagtct caacttnang atgcngttta aaaaanaaaa anttnganaa 420

accattcant ttgaaanagg c 441

<210> 11675
<211> 441
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-103-Q1-E1-F4

<400> 11675

tcaccaacat cctaaaaccc ttttgatcaa aacatggctt ccatttccag aatcttacca 60

acagatggca gattaagtca atgcagaatc aacacctcgt gggttccttc tacaaccaga 120

actcaaactc acttagattt tcccaagtta gtttctgtta gtaactctgg gataagtttg 180

aggattcaga atagtaaacc tattagccct gtctttgctc ttgaagcaac ttcctccagg 240

agggttgttt gcaaagctgc tgctggtgtg tcaggtgact tacctgagag tactcctaag 300

gaacttagtc agtatgagaa gattattgag cttttgacaa ccctttttcc actttgggtt 360

attttgggaa cacttgttgg catcctcaaa ccaaccttgg gtaaaanggt tggaacaagt 420

ttccttaanc caagggcctg g 441

<210> 11676
<211> 491
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-103-Q1-E1-F6

<400> 11676

aattcctcta gntcgntcaa gtaccanaca cagaattcgc nggncgaccc acgcatccac 60

ccacgcgtcc gcggacgcgt ggggccaaag acaccatcca ctcctgctgc tggaggatca 120

aanacactct ttgctgccaa tctctctttt aacattgaaa gagcanatgt tgagaatttc 180

ttcaaanaag ctggtgaant tgttgatgtt anattctcta ccaacagaga cgatggttct 240

ttcangggat ttggccatgt tgagttcgca tcttctgaag aagcacagaa ggcgcttgaa 300

ttccatggta ggccattgct cggtcgtgag attcgtcttg atattgctca ggagagaggt 360

gagagaggcg agagacccgc attcactcca natagcggca acttcanaan tggtggtgat 420

ggtggtgatg aanannaaat tttccgtaan ggatttganc ctcaanttct aaggatntta 480

ccannacaat t 491

<210> 11677
<211> 436
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-103-Q1-E1-F7

<400> 11677

gagtgttacg tctggtacaa gagagcggta tgactgctga ttgcaaactt tacacaactt 60

taatatcaag ttgtgctaaa agtggaaaag ttgatgcaat gttcgaggtg ttccaccaga 120

tgtcaaattc tggagtggaa gccaatcttc acacatttgg tgcacttatt gatggctgtg 180

ctagagctgg acaagtagct aaggcatttg gtgcgtatgg aattttaagg tctaagaatg 240

ttaagccaga ccgggttgta ttcaatgccc tcatctctgc atgtggtcaa tcaggagctg 300

tcgaccgtgc ttttgatgtg ttagctgaaa tgaangctga gacgcaccct atagaccctg 360

atnatatcnc natnggtgca atnannaaan caatccgtna ancccnggac gggtcaancg 420

accaaaaaaa ttttcc 436

<210> 11678
<211> 482
<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-103-Q1-E1-G1

<400> 11678

nganaaaatg gctgcttcat cttcctcttt cactctccgt aatcacaacc aacactttcg 60

tactcctccc ctcctggaag aaaaggaacc cttggtcaac caaaaaaccc aaatttttca 120

agtttcccaa caaaaaatcc atcaaagaaa tcctaaactt tctttgggct cccaacaact 180

caactcaact caatccgtat atctccccca agtctccttc ctcttctctc aaaagggctt 240

aaatcttttg ccaaagcagg ttaacaaggg gtcagggctg caccaagact tcacactaaa 300

gggatcaaaa cggaaagccg gtgagcctca aaaagtataa agggaagcct gttgttctct 360

acttctaacc tgcanatgaa accctggct gcaacaanca agcttgtgct ttcanagaat 420

cctatgagaa antttaagaa ancttgttna aaagggtcat tggnattaat nggaaatnac 480

nc 482

<210> 11679
<211> 458
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-103-Q1-E1-G11

<400> 11679

aattctatnn gnncggccca ngncnnaggt aacgcggnnc gacncangcc tctacncacc 60

ctcatctgan anaggattca agcccatcta ttgctgctgt tgtggcatct caggattggc 120

ctgaaatcac taaatatgct ggattagttt gcgctcaanc gcataggcag gagctcattc 180

aggatctgtt caaagagtgg aaggatcctc agaaaggtgt ggtgactggt ggcatgataa 240

aggagttgct catagccttc cgtagatcaa ctgggcataa accactaagg atcatcttct 300

acagggatgg agtcagtgag ggacaatttt accaagtttt gctctatgaa cttgatgcca 360

tccgcaangc ctgtgcttcg ctggaagcaa gttatcaacc accaagtgac atttgtggtg 420

gtgcanaanc gtcatcacac gaggctgttt gctcaaaa 458

<210> 11680

<211> 464
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-103-Q1-E1-G12

<400> 11680

gnnnnnggta attnnactnn nccgccangt cacagnaacg nggntcnann caagcctcaa 60

cagnnactng nngtaatatt cattctctct tttctctttc cattttggct cccaccgacg 120

tcatcaatct ctaccggaga cttccgccga ttctcacacc gttcttcttc tctccttccg 180

attccggatt ccaatttcgt tccttttttg ttttctctca aaacccctaa attttcttcc 240

tttcttcgat ctggattttt tgtgttcccc aaatttcaag actttgatct gattccttct 300

aagatttctc caaagcaaag atctttttt tgtttttggg gatctctgta ttgttgatgg 360

gcacaactag ggtctgctcg gaggtttctt ctggatcttc gaaatcgctt aaccaatctc 420

tcaaaggtat cgacctctac cacagaaaca gtcaatggtt tcca 464

<210> 11681
<211> 433
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-103-Q1-E1-G3

<400> 11681

actgatctcc aatggcgaaa accctagctc gctccacagc gtcacgcatc accaagcgct 60

taatctccac ctccggagcc accactcctt ccccttctta tatcctctcc cgtcgatcaa 120

ccccggtgtt ctcccatgcc gtcggattca tctcttcctt gaatcgtttc acaacgattc 180

gaactcgaat ggataggtcc ggtggatcgt actctcctct aaaatccggt tcgaatttca 240

gcgaccgagc acccactgag atggcgccgt tgtttcctgg ctgcgattat gagcattggt 300

tgattgtaat ggacaaacct ggaggcgaaa acgctactaa gcagcaaatg attgattgtt 360

atgttcaaac cctaactaaa attntcggna ntnanggaaa aacttannaa gaaantttaa 420

anggtnccgg ngg 433

<210> 11682

<211> 249
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-103-Q1-E1-D8

<400> 11682

nggccganac acgcntcnaa gttcnnctcc aacgaccaat cttatgttgc atcaatttca 60

caacagaagc cttacctttt cattacacgc atattgcttc ttcaaagttt ccttttagat 120

aaattcttag tctgagtaac atctctttct tgtcttgggg gtttctctgt aantgcagct 180

gaatcggatc ttgggcaatt tttaaattcc gantcaacga ntttctcanc taanggtttg 240

attcctttt 249

<210> 11683
<211> 309
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-103-Q1-E1-B8

<400> 11683

ggatcatcng tttgtacang tgcagtcgan attggtgagc ttggaaggct ctcttcatct 60

atgnggaaga tggaaaaggn actcagagct gatgatgagc tgtatcgtgc taagcttcan 120

aaatcanang acagaactct agctttgatt aaatcaagca tggacattat tgtanccatt 180

ggtctccttc agttagctcc aaagacgatt agtcctcntg tcactggtgc tttcgggttt 240

accacctcac ttatctcttg ttatcagttg cttccattgc gcnccaagtt gangacnctt 300

gtncaaggg 309

<210> 11684
<211> 372
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-103-Q1-E1-C1

<400> 11684

nctctccncc acacaccant ttcttcatga ccntcntctt ctagcagaga anattaaaga 60

aacccccaaa tccaagctta tactaaatgg gtcatgataa catcacaaag ctcgggagtc 120

tactcgtaaa gctacacaaa ggtccttcaa gttggctttg tcttcatcct cgaccaganc 180

gaancagnaa cggcggacga atcaagctcg tcagatccga cggttcttta caagtctacg 240

atcgtcccgt antagtctca agagctaaca naagacttcc caaancacan aatctgtaga 300

tnagacttac tctacatcgg acaagaaaac cctgttctgt ctgaaaccga aacactttaa 360

ccaagnntcn aa 372

<210> 11685
<211> 545
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-103-Q1-E1-C2

<400> 11685

gnnngctttt cnaggcnnna ccaggtcaca cagntcacgg gncgacccac gcgtccattn 60

acntgnanag ttacaaaatg tccttttggc taagtttgat ctttgctttt tcaaatttgc 120

ttccctcaat cctccaaccg ggattgattc ctgtccaact ggttgaaatt cnggaaaaca 180

acaatgttgc aacgggttga acgaaactcc gttacgggcg ccctttccct ggaccggctc 240

ctatatgcaa aaggcaagca aaagggtggg aagttaccca aagggacggg agggcttgaa 300

gctgggtctc ctataagtgg gctgcaagcc actaagagcc ggccaaaaaa tgcggggtcg 360

tgactaggta ctctcacagc ttccccaagc tggtttgtac tgatggtaaa gacgggactc 420

tcataagcac caagtttcta aaccatgtgg tgaccaccaa cccggagggc aagacttgac 480

cgttnaaaac cgngttactc cnaagnaact gatttaanaa ncancnantt tggtttgggc 540

tttgc 545

<210> 11686
<211> 430
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-103-Q1-E1-C3

<400> 11686

aggtcatngt cganataaaa acatcttttc catccaatat ttaccggttt cgtttcaccg 60

gatttgggct ctccggcgac ggagaatagc caccatctcc gtagaaaaca gtatacttga 120

tagctgagga acaagagaag tgacaagggt gattgaaaag ttgaaggact cagatgggaa 180

gcagaagcgg agaacaagga aagcgaatgg cggaactgag caaaaatctt aaagaaggtg 240

agaggattct ggagcccaca cgtagacctg atggtactct ccggaaaccc attcggattc 300

gacctggata tactccagaa gatgaagttg tcaaatatca gtccaaangt tctctgatga 360

aaaaagngat tggctcacaa agggccccaa aggtntngaa ccctgttnaa ncccnnaanc 420

naagnnntaa 430

<210> 11687
<211> 387
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-103-Q1-E1-C5

<400> 11687

cttctctgtg tgtgatctcc gttggtcaac aacaactacg acagcttatt gagcagagat 60

ggatcatcaa tttggatatg gtgttgaagt tactgggtta tctccatctg ttactcataa 120

tgatcttatc gatttcttct ctttctctgg tactatccaa gatattgata ttgtcaggtc 180

gggtgagcaa gcttgtactg cttatgtgat gtttaaggat tcttattctc aagaaactgc 240

tgttttactc actggcgcaa cgatattgga tcagcgtgtt tgtataactc gttggggaca 300

acatcacgaa gagttcgatt tctggaatgc gacttcncca agttttgaan aanaatnggn 360

ntcnnaanna tntggncaaa nnaancc 387

<210> 11688
<211> 467
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-103-Q1-E1-C7

<400> 11688

tcnagccgtt cggcacaant tgtggactcg cnggccgann cacgcntcna acnctcnctc 60

antgaacctt tanaagttaa atctgtttca tcaccggaaa gtttcactaa ctcttcttct 120

ctctctcgga gtattgattc ccggcgttta gcaatggaag aaagtagaca actcgagacg 180

tcgattgatc ggctgctgaa cgaagagaaa cagatgaggc tcgcagaaaa tgtcgccgga 240

actagaaaag cagctaccga gattcttaag ctttgtttcg aagctaagga ttggtaantt 300

ctcaacgaat agattttgaa tcnctcgaag aaacgtggtc agcttaagca ggctgtacaa 360

tccatggtgc aacanncaat gcaagtatat tgatnagaca ctagacatag aaactcngat 420

tgagcttatg naagactccn aanaatgtnn ctgccgggga agatata 467

<210> 11689
<211> 392
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-103-Q1-E1-C9

<400> 11689

gattggagga gatgttaaag ccaacaatct ttgtgagatt cccaatctca ggaggaattt 60

caccagtaaa attgttgtta gctagacgca gtctttccaa attcttcagc tttcccaggt 120

ctgcagatat attccctgat aaccagtttt ggtgaagctc taatgcagta aggttctgaa 180

gattaaataa ttcaatggga aggcttcctg ttagctggtt atcgcctagc attagctttg 240

tcagtgactt gcaggttttc agatcacgag ggatgtttcc tgataacttg tttgaaccaa 300

gactcagaag tattancgtc cgaaaacctg caaaaantgg gcaggaattg ggaccagaca 360

gagaattggc anacatgtca agaacagaaa aa 392

<210> 11690
<211> 375
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-103-Q1-E1-D1

<400> 11690

gccacaaacc atagaatctc taaatctttt gaggatgagg aatacanagt tcattgttgc 60

attgaataag gtggatangc tatatggatg gaaaacatgc aagaatgctc ctatcgtgaa 120

ggcaatgaag cagnaanata aagatgttat aaatgaattt aacttgaggc tgaaaaatat 180

tataaacgag ttccaggagc aaggacttaa cactgagctt tattacaaga ataaagacat 240

gggagacact ttcagtattg ttcctactag tgctattagt ggagaagggg tcccagattt 300

cttgctgtgg ttggttcaat ggggcncaag naaacaatgg gtngagaaaa ttncatatgt 360

tnacnaaatn tnatg 375

<210> 11691
<211> 234
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-103-Q1-E1-D10

<400> 11691

nnngagtcgt nataatatat ataaaatatg cttttgtagg atcgccttaa aggcgacaga 60

gatgaagatg caaacagtaa aaaaaaaggg ttttcttttc anctatttct tcttgaatgt 120

ttttttttctt tttcttttgg tttcttattg aaattgttgt atttttgttg gctttttttct 180

aataatatca gcnagttttt cttaaaaaaa aaggtnngat nggatnaaaa ttat 234

<210> 11692
<211> 461
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-103-Q1-E1-D11

<400> 11692

nngnnngnaa nttccatcag nacgcccagg tcacagaacg cgggccgacn cacgcntcaa 60

cntcnccnnc tgccaaaatc cccacttcac gaatcgcaaa agatcaaggt ttattgatct 120

attgcgaaat tagggtttgt gaattcgaat cggagattaa taatagattt tgtgatggag 180

tgttcatcac gcatagaaga atcttgattt cgatctcgat gaaattagga atcgagggat 240

tttatttata attgagatgg tgaatattaa aagcccttta cggctattca tagaggagtc 300

gattaaggaa ttaattaggg gtttcaggag acaaaggatc aaatggagaa atgcgtttct 360

tcttggttct ataatgacta ccattgttgt tctgcttcaa acaacaacct tttcagtctt 420

cnctgatgaa gaagaaaccg agtcttcttc ttcttcgcct a 461

<210> 11693
<211> 491
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-103-Q1-E1-D2

<400> 11693

tgcnnncccn ngncaggana cgngggccga cccangcntc nacncannac gtnctgccaa 60

cgcgtccggg aaagcgcctt gatgctggat ttggatagcc ttggtttcaa tgttaaggct 120

actcttcaag ggaacacctt caaactccga gttccgtttc caagacgcgc acaagacaga 180

aaggatgtaa agacattgat tgtggaaatg cttcaagctg ccaagtccaa ttagttgcta 240

aaataaagat ggaaaagctc ttccatctga atcctgctac aacangaaaa gcttcctcca 300

atacacattt tatcttatct atcanttgca aaaagaacac tcatttagtc ctgtatatat 360

ctcaacanga ctagaactaa gatgtataca tgaaaaaaag ttatcaataa agatttctga 420

agttgtattg gcaaaaaaaa aaaangnnaa aaaaaagggg ggnccgctcc agaagnttca 480

agccttagtt t 491

<210> 11694
<211> 487
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-103-Q1-E1-D3

<400> 11694

ggggtaattc nattcgttcg gccaggnctg tagaacgngg gccganccan gcntctnaga 60

ctgngtccna tcaagtaaag tgttcgtagc tgagaaaaac cctaagctct cgtttttcgt 120

cttctccgat tctgcaagta tgagtcgatc aggtcagcct ccagatctca agaagtacat 180

ggacaagaaa ctccaaatta agcttaatgc caacagaatg gttgttggaa ctctccgtgg 240

ctttgatcag ttcatgaatc ttgttgtgga taacactgtt gaagtcaatg gtgatgacaa 300

aactgacatt gggatggtgg tgataagagg aaacagcatt gttactgttg aagctctcga 360

accagttgga agatcttagc ttatgacttt tcacccccaa gtaatcatcn tctgtaatat 420

gagacttgnc ttnantttgn ccccggncgg gnannaanca accctgggat tnnattggga 480

annnccc 487

<210> 11695
<211> 444
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-103-Q1-E1-D4

<400> 11695

ccangcgtcc gcccacgcgt ccgctcctcc ctcctgacgc tctccttgtt ccgttcgata 60

accgaacctt aaaagctaaa gcttgggcta aacaaaatca catgccagta ccaaagaaac 120

ttccttgtcc agataactgc ggagtcagca ttaactggca cgttagcacg gattacaaaa 180

atggttggac cgcaaggtta accgttttta attggagaga tttcgcgttt gaggattggt 240

ttgtggcgat tgatatggga aaggcaggtc caggatatga aaacgtttac tcctttaatg 300

gaacacgtgt tccaccaagc aatcgaaccg ttatcttcca aggcttgcct ggtatgaact 360

aacctgttag gtcaaagttt atgggacnaa ttcaattana naacctnccg tngcccggaa 420

agcaaaatcc gntaaccnct tnaa 444

<210> 11696
<211> 455
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-103-Q1-E1-D5

<400> 11696

cttatcnagn cgntcggtac caatcttnaa ttcgcgggcc gacncacgcn tcnacggncn 60

cgtgggcttc cctcatcgtc gtctctttct tcgccaantc tcttttctcc tcgtctctgc 120

ntagccgata aattcgccgt tctccatcgg taaacgcagc tgaggagcta gataattctc 180

tgatatctgc gttacgccgg tgtggaagca aaatttaggt taatcggatc tcaattatgg 240

acgaanaggc agcaanacct agagactcca ccgtgaatca gcaacatcaa tactattacg 300

gaacgtttca aggcgttgcn aattttccta ntcctactcc acnaccgcaa tttatgcaac 360

cacagcatcc gattactacg tttcctggac atgcttanca aaatctncaa ggtcaaggtg 420

gtggtgttaa attangcnca aagggttnnc caatt 455

<210> 11697
<211> 233
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-103-Q1-E1-D6

<400> 11697

aangaagntg ctgagatgaa caaaangtcc ttcaagtacg catgggtgtt ggacaaactt 60

aanggccgag cgtgagcgtg gtattaccat cgatantgct ccaaggaagt tcgagaccat 120

caagtactac tgcacagtca ttgatgcccc aaagacatcg tgatttcagc aaagaacatg 180

attactggta acttccaagc cgatttgtgc nggtcctaac aattganncc ncc 233

<210> 11698
<211> 55
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-103-Q1-E1-D7

<400> 11698

ttgaagctct cgaaccagtt ggaagatntt agcttatgan ttttcaggcc caagt 55

<210> 11699
<211> 403
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-103-Q1-E1-B6

<400> 11699

cggncnatgc atgcaacnan nttcttctct gcantctctc ttctctctgt tttgccttgc 60

tctgttctct cttcctctca tcgtctcctc catcggnatc aactatggcc aggtcgctaa 120

caaccttcnt ccccctaaaa acgtcatccc tctcctcaag tctgtgggag ctanaaaagt 180

caagctctat gacgccgatc cacaagccct acgtgccttc gccggctccg gcttcgagct 240

caccgtggcc ctcggtaacn agtacctggc tcaagatgag cgaccctatt aaagcccaag 300

gctgggtgna ggagaangtc caagcttanc tcccaaacac caagatngtg gccatcgtaa 360

tgggaaatga agtnctcanc tcantaccag tcagncctca ngg 403

<210> 11700
<211> 476
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-101-Q1-E1-H4

<400> 11700

cccganangg ccaaggactn cggggcgtcn gangngncag ntnnaaaacc taaaacccga 60

ttagattttc ttagatacga aacctctctt acgacgctcc ttcctcaatc tctctcgatc 120

gtcggagatt ctttcttcaa gagtcatctt cttcttcttc tccttctccc taaaccctaa 180

tttatcgcgt ttggatcgaa tcagctgtca attcttgttt tggttttcac ggncagggcc 240

atgtctgccg tatattgcgg aaccaagaga tcttacttcg acgataattc ttctccgccc 300

tcttctaaga ggttccgatg tttttcgcct tccaattctc caatctggtc ctctcctcct 360

tcctcatcgc tcgatnagct tcactctgcg tttcctcaaa atgaactcan gggtctcgtc 420

nanggactan aanaaaaagg gaatggtttt aagggcgnca aanaaaannt taancc 476

<210> 11701
<211> 401
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-101-Q1-E1-H7

<400> 11701

acncctcnag ntngactcgn nataaactan agatgaggtt gataacgcac aacatgcttt 60

cctgcaacat caaaggagtc accagtggat ttcctctacg gatcnaagct gggaacgtga 120

ttganaagga agtcgatttc aatcccgatt ttatcaggca catgttcgcg aagattgant 180

ggaaagctct ggtggaaggt gcgcgttcca tgggatacgc tgagttaccg gaggaatctc 240

cggacgccgc ggtgctgaaa tcagatgagc ccttccttaa gaaactccac cacgcgttgc 300

tcgagctcca ccttgaggaa agcgcgcttg tttgccctga aactggacng aagtttccgg 360

ntaataaang gatcccaaat ntgnntcccc nannaaanaa a 401

<210> 11702
<211> 458
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-102-Q1-E1-A11

<400> 11702

antttactng cccgntcggc caaannaang gcctggccnn ntacannncn caagactnag 60

tcgtatnatg gaaagggaac ccttttgttg catctccttc aagagaagat ctcctcactt 120

gcaatttatc ctcactacat gattggnatt ctagaatttt cattcaggat tggatatcag 180

aaggacaaag aggatttgag aattcgaatg tagcaaatca atgcacttac aggtacaaga 240

tctatataga agggtatgcg tggtcagtga gtgagaaata catattagca tgtgactcag 300

tcacattgat ggtgaaacct tattactatg atttcttctc aagaactctt caacctctcc 360

aacactattg gcccattagg gataaagata aatgtngatt caaccaaatt tgcngttgat 420

tggcttaata atcacactca aaaggctcaa gagatagg 458

<210> 11703
<211> 495
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-102-Q1-E1-A2

<400> 11703

attcnanncc gnanggctcg cctcagggnc tcganggtcg anacanccnt ctataatttt 60

tnntnttatc attttatctc tctctctttt tcttctatcc aaaacaccat ttttgagatc 120

agagcttcta gcagcgtaaa aaatgcagac gaggtatatg gagaggacta atagtatgag 180

agagaagaga aaattggagg aagatgataa tcagcagcag cagcaacagc ctgagcgtaa 240

aaggccagct cttgcaagtg taattgtgga agccttgaag atggatagtt tacagaggct 300

ttgttcttct ttggaaccga ttcttcgccg agtggtaagt gaagaggtgg agcgggcatt 360

ggcaaagctt ggccctgcaa gacttagtga aaggtcgtct ccaaaacgaa ttgaangnat 420

cngtggaang gaattncaac nanaattnaa gncaaaatgg ccgggcccct tgttaanggg 480

gggaaanata aaggg 495

<210> 11704
<211> 64
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-102-Q1-E1-A3

<400> 11704

cattggttac tatccctgct cnagccgttt gtcttttccg gttcgncgga gatgctgcng 60

gtgg 64

<210> 11705
<211> 451
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-102-Q1-E1-A4

<400> 11705

nctcgaaggt cganncncnc ntcnaaannt tttnggaagn tcattgcgca gcacggttct 60

ttcgtctctg atcttgcaaa gttacgggta gagctagaag gaacccgatt gttggttcta 120

gaagctgctg atcatcttga taaatttgga aacaaaaaag ctcgaggaat tctcgcaatg 180

gccaaggttg cagctccana catggcattg aaggtactag acacggcaat acaagttcat 240

ggagcatccg gtgtatcctc ggacacagtt ttagcgcatt tgtgggctac agctagaaca 300

ctgacgattg ctgatggacc tgatgangtt catcttggga ccattggcaa gttanaactg 360

caaagncttc naagctttaa aacgntttgg gaaaagngaa ttccttctca aaattnggnt 420

cccatttttt ttttttancc cntaaaaaac t 451

<210> 11706

<211> 441
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-102-Q1-E1-A6

<400> 11706

tttgtcccac cattttcacc gcttctcctc caatcactca gatctacaga ttcctttaaa 60

acaacaatgg ttggatcttt ggaatctgat caaactcttt caatggccac cttaatcgaa 120

aaactcgaca tcttatctga cgacttcgat ccaaccgccg tagtcaccga accgttacct 180

cctccggtaa ctaatggaat cggagctgat aaaggaggag gaggaggaga aagagagatg 240

gttctcggta ggaatataca cacaacgtca ctcgctgtaa cggaaccgga ggttaacgat 300

gaattcaccg gagataaaga agcttatatg gctaatgttc ttgctcgtta ccggaaaact 360

ttgggtgaaa naaacaaaaa accattaagg taaccctaaa aacttgggnt tcnaanaang 420

ggcccccttgg ggcaanttaa a 441

<210> 11707
<211> 463
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-102-Q1-E1-A8

<400> 11707

gaacaggtca tggnctcgcg ggncgacnca ngcntctaaa nncgttnccn tcattaattt 60

gcgttcgttg tgaaaccata gatccaggtg aattctggaa aacatcttga agcgaaatcg 120

agacatcgtt ggaggatcaa aacgttaatt cgattgatcg atgaatccta naagggagcc 180

tcgtggtggt agaagttctc tctttgatgg catcgaagag ggaggaatta gagctgcttc 240

ttcttactct catgagatca atgaacatga naatgagcgt gccttggagg gattgcanga 300

tacagtcatt ctcttaaaac gactatctgg cgatataaat gangaggtcg atactcataa 360

ccgcatgctt gacagnatgg gcaatgatan ggantccaca aaggggaant tcccccaagg 420

aaccanggaa cnctttaaaa acgggtnttt gaaanaaant caa 463

<210> 11708

<211> 463
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-102-Q1-E1-A9

<400> 11708

nttntanttg nccggntcan gtcanaggtt nagtggcccg gtccaanccn ctagtcantg 60

tngnantatg gcatctcagc cngnaggtgg cagtcctcct aaaccttggg aaaaagaagg 120

aaatacatct ggtcctaatc ctttcaggcc tccttctaat actagcacgg ctggttcagt 180

tgaggcttct ggcacagcta atcctggtga agtanttcct ccgcccgtga acaggcctaa 240

tacagctgct aatatgaatt cactcagtat gcctgtaccg gctagacctt gggaacagca 300

naattatggg agcactatgg ggggaggtta tggttcaaat ctangtatga cctctgggta 360

tgggtcangt acatatggtt cagcattaag tgggtaaggt tcaacaanat ggtggtggga 420

tgtatggagg tagtagcatg tatagaggan gttatggtgg tgg 463

<210> 11709
<211> 511
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-102-Q1-E1-B1

<400> 11709

gnnngnaact tttanaaggn tcncgcgntc nanncagtcc acnggtcgac ccacncgtcc 60

acttttggga aaaagtttca gcatttggtt cttgtcaatt cttatcaatg ctatcttaac 120

tcttctttgt gcatttctgt ttgagttctg tggctaagct gatttaggaa gttggtgatc 180

aaattacatc tagtgtttgt ttccgccagc tgaagtgaat caaaatgttt agttttggcc 240

gagcaagaag ccaanggagg caaaacagat ctatgtctct tggaggactg gattatgcag 300

accccaanaa gaaaaacaat tacttgggaa agattcnttt gacaacttct cctacagcct 360

tgtgcatttt catgctcaag caatctccaa cattcaatac tcctaacgtg ttttcctcga 420

aattagccaa ggggtacaca antttgggc acagggggg cccggttaaa tnggttcaaa 480

tncanctcna aggcttcnaa gggatcatac c 511

<210> 11710
<211> 465
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-102-Q1-E1-B11

<400> 11710

taanttnact ctgcccngnt cggactcnaa gncanaggnc ncnnggtcnn ntacaacncc 60

cnanagtgan tcatattaac attgactgaa ccagtggata atcaagggag aagaggtgat 120

caaataaagg agatggatct taatctacac cctgagctta aagggccctt aaaggcatta 180

tgcagtgatc caagtacaac catagttgtt ctgagcggaa gcagcagaag tgttttggac 240

aaaaactttg gagagtatga catgtggctg gcagcagaaa atgggatgtt cctaaggctt 300

acgaatggag agtggatgac tacaatgcca gaacacttga acatggaatg ggttgatagc 360

gtaaagcatg ttttcaagta cttcactgag agaactccca ngtcaaaact ttgaaactcg 420

cgatacttcg cttatttgga actacaaata tgcagatatc gaatt 465

<210> 11711
<211> 517
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-102-Q1-E1-B2

<400> 11711

nnngtanttc tacgccgnac ggtacgncct cannaattcn agaggtcgac ccnnccgtcc 60

anggacgcna tgggcggacg cgtgggttgg aatctgactt cagaacgctc tgagacaaga 120

atgaataagt actcccgggc gtcgtttcat cctatcagcc agaagattca cttcttctca 180

tttctcaact cgataactgt tgttgttttg ttaattggac ttatatcttt tctcttcatg 240

cgccatctca agaatgaact aagaagttac tctatcggag atgaagaaga gagaaaggaa 300

gcaggttgga aactcgtaca tagtgatgta tttcgatgtc ctcggaacat cagctggctt 360

tgtgcaatct taggaactgg tactcagttg ctaatcttga ttantgctcn aattgcattg 420

ggcttcaacn ggttttccct acccaataca aatcctgggg aangccggtt gaaattnccc 480

cgggnaacaa agttnacacc ccaaaattnn aanggng 517

<210> 11712
<211> 306
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-102-Q1-E1-B3

<400> 11712

cnanaggtcg nnncggccgt ctaaacagac natgcccact acttcattcc ctccttgttt 60

tgatttcatc gtctttgtta gctctcctct gttttttttt tcttagtcaa tcgatggcga 120

aggagcttgc tgataaggct aaagaggctt tcgtagacga tgacttcgat gttgctgttg 180

acttgtactc caaagccatt gacttggatc ctaattgcgc tgagttcttc gctgatcgtg 240

ctcaggccna tatcaaantc gaaagcttca ntgaggccgt ggcagatgcn aacanngcat 300

ttgant 306

<210> 11713
<211> 507
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-102-Q1-E1-B4

<400> 11713

ggngaagttc tacgccgntc ggtaggcctc aggaattcca gggtcgaccc ncncgtccnn 60

tctcacactc tctgttcttc atcacaccga gaattcgaaa attccgatga acaagaaact 120

tctcaaccct cttgaagatc caccaaccgc ttcttcaagc gaagacgtcg acgangagat 180

ttcatcagga gaagatgaaa aagaacatat ctccaattct tcttcttctg aagaagaaaa 240

cgaactcaaa gatctctcca ctcaaaccct aaattctcct tccaccgagg ctccaactct 300

cgattctgga tctgagacaa attccgactc agataagcca atcgtcttaa ccagtcagaa 360

gaagaaagaa ggtactgatt catcagggac gaagcgagct agtgaaggaa ctaactcaaa 420

ggggcatcna nagggggnaa ngnaagtttn angggatgng cnngtgccna aaattncaag 480

gttttngggg ccnanggaat tgattnc 507

<210> 11714
<211> 314
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-102-Q1-E1-B9

<400> 11714

ntttttttnt tgctcttgac gaagaaanca nnaaaaaana caatganaga gatccttcan 60

atccaaggcg gtcaatgtgg aaaccagatc ggagcaaagt tctgggaagt gatctgcgac 120

naacacggca ttgntcacac cggtcaatac gtcggcgatt cnccgttaca gcttgaacgt 180

atcgatgtcn atttcaacga anctagcggt ggaaagtacg ttcctcgcgc tgttcttang 240

gatctggagc ctggtaccat ggattctctc agatctggtc cgttcggtca gattttccgt 300

nccggaaanc ttcg 314

<210> 11715
<211> 490
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-101-Q1-E1-G8

<400> 11715

aaagnnagcg ccacaaccgg ncaaggncga nacanncntc tagnatnntn cgnnctntca 60

agagagatag gacgaccaag tttgttcgat ctcgttgccg caaaaaggta acagcagtca 120

tcaagatcaa gaacctgaga aacttctctt ttgcgctgtt tttcttcttc tccaaaactc 180

gtaaaaccta taaaccacaa tggctcgttc tctcgctaac gctaagatcc aatccgtctt 240

cggctccgaa aagctctcga acgccgtttt cagacgaggg tttgccgccg cagccaaaac 300

ggcgttagat ggaagcgttt cgaccgcgga gatgaagaag agagctgggg aagcttcaag 360

cgaaaaggna ccatgggttc caaattctaa aaccgggtat taaaaaacgg gaaacgtttt 420

cgaagggnaa ttgacccggg tggacctacn ancaattccc ttgaanaana ancantaant 480

ttattaaaac 490

<210> 11716

<211> 362
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-101-Q1-E1-E5

<400> 11716

tctgccnacg cgtccgccna cgcgtccgcg gacgcntggg ctcaganacc aattctctca 60

atctccgtcg tgcgcttttg cttgattttg taataaggaa tctgaggaat tgatacaagt 120

gggctctgat gggaaccana tactttagaa cngctgcaga tgaaaactcc antgtggatc 180

tcancagtca agttcaccag ctcccttgct gcattagatt tgatggtcct gttgaagttt 240

cccactantt caagcctaaa tctancgatg ttgaaatcga tggagtaaaa acggaagaag 300

ctcatttcna gacgaangaa gttgcangga gcaactaant cantcccnaa tgggtaatcn 360

gg 362

<210> 11717
<211> 377
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-101-Q1-E1-E6

<400> 11717

naagantnag ncanngtact gctacaaagc tancaagaaa ccgtcgttcc acgttctcta 60

cccaacggaa nactagagag agtttactgg aaaggtgcag cgaagaagcc agtcagtgtt 120

gtgtacagtt tatgtgatcg tgtctactcg tgaacaccgt anctgcatca acaatgactt 180

ctctntaaaa aagcnattta tccggnattt ttaacatgga tttcttcacc tgtggaggga 240

gagagaaggc aatgagtttg tacagtttga agattggctt tttatgagat gcttttctta 300

agattatgaa gtanaanatg aacactnagc acaagcagca ttnaaacata tattaccntt 360

gtcctttgta aagggna 377

<210> 11718
<211> 343
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-101-Q1-E1-E8

<400> 11718

tcacttaana cagcagaaan cctttcttca gtcttctcct gcgttctcct tcttcacttc 60

ccaactaant ctcgccggac gatcgtaacc ggagagcttc cgtcgaccgg tcaagtgttt 120

gatatctaaa gaagatgttg angtttctat canaagtaag aattgagttc aacacattag 180

atccaagact tgcgtcgtgt gttgaantct tagctcantg caatgcaagg aaggccaaag 240

aatcgaatcn caattgtcag gttttggtga aacgtagaac cgatgagcag gcggcgcaaa 300

tnactgtnac ttttggtaan ggtgtttaag gaangttttn gtt 343

<210> 11719
<211> 424
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-101-Q1-E1-F1

<400> 11719

aactccaatg ttacggcgag atggtctaca gcttcgtcgg tcaggatctg cttggggaat 60

gcagccgccg tgatcttccc attgaacggc tcaaatcagt ggtgacgtgg aacatctcca 120

cactccgtcc ggtggtcttt ggcatgtctc cgtacaactc cgttctcggc gagactcacc 180

acgtatcgaa cggtcacatc aacgtcatcg ccgaacaagt agtgcatcat cctccggttt 240

ccgctcttca tgcgactcac gaacaagaaa atatcgacgt gacatggtgt caatatttca 300

ctcctaaatt tccgtggtac tcacgtngac gttgaagtaa aagggtaaaa aggttatgaa 360

ncctctnaan cccatnaana cctntnagaa agaacnacca gaacnannan gaaattcttc 420

cggg 424

<210> 11720
<211> 473
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-101-Q1-E1-F12

<400> 11720

tanttctaaa cgntcggcgc ccangaannng tcannggnct cncgggncga cccangcntc 60

nacngacnct tgggttngag acgaactctt tttctttctc gtgacgaatg tttctgtcta 120

gaagctttta aggattaaga ctctccaaaa ttttgacgcc gtgttattct cttcccgtct 180

ctcatggatc cttcaagacg accaccgaag gactctcctt acgcgaatct attcgatctc 240

gagccgttga tgaagtttag aattccgaaa cctgaagatg aagttgatta ttatgggagt 300

agtagccagg atgaaagtag aagcactcaa ggtggggtag tggcaaacta cagcaatggg 360

tctaaatcga gaatgaatgc gagctccaag aagagaaagc ggtggacaga anctgangat 420

gcagangacg atgatgatct ctacaatcaa catgttactg angagcacta ccg 473

<210> 11721
<211> 510
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-101-Q1-E1-F2

<400> 11721

tggnnnngna anttntacgc cgntcggtag ccacgaacag gtcangnact cncgggtcga 60

cccacgcgtc cncgatcntg gancatgctc gagaattcat gatccaaagt tgaaagaaag 120

cttcgagaac tctccgaggc atgattccta tgtgcctaaa ttcgaggctg agcttgcaca 180

gttttgcgag aagttggtga atgatcttga taggaaagtt aggcgtgggc gagaacgtct 240

tgcacaagaa gttgaaccgg ttccaccacc ttctctatca gcagagaaag ctgaacaatt 300

gtctgtcttg gaggagaaag ttaagaacct tttggaacaa gtggaagcac ttggtgaaga 360

aggcaaagtg gatgaagctg aagcgctaat gangaangtg gaanggctaa atgctgagaa 420

gacagtgttg ttacaacgac caantgacaa agggtacccg aaagngcacn ggaaaaaaan 480

aggcattgtg taaggtttgg nggccattcc 510

<210> 11722
<211> 354
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-101-Q1-E1-F3

<400> 11722

gctcaagtat agagaagaag agctagtgag tttgagagga accggcgaag gagagcttaa 60

ggaatgggac agagtatatg actatgctta ctacaatgat ttaggcgtcc caccaaagaa 120

cccacggcct gtacttggag ggacacagga gtatccttac ccaagaagag gaagaaccgg 180

gcggaaacca actaaagaag atcctcaaac cgagagcagg ctaccgatca catcgagcct 240

agacatatat gttccacgag atgagagatt tggacacttg aagatgtctg atttccttgc 300

ttatgctcna aaagcgantg cccanttnaa ccaanctnna natntagggc nttt 354

<210> 11723
<211> 416
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-101-Q1-E1-F4

<400> 11723

acgacggcac nagcttcacc gaagagcnaa natggtgaan attccgaaaa ctaanaanac 60

ttactgcang aacaaggagt gcaatgaagc ataccttgca caaggtgacg caagtataag 120

aaaggtaaag atagccttgc tgcccaagga aagcgtcntt atgatcgtaa acaatctggt 180

tatggaggtc agaccaagcc cgtcttccac atcnaaggct aagacaacta anaagattgt 240

gctgaggctt caatgccaaa gctgcaagca tttctcgcaa cgcccgatta anaggtgcaa 300

gcactttgaa gatnggtgga gacaanaaag gaaanggaac atctctcctt taagttgggt 360

gngtcaacca aaccaatttt tttgggntgn gtttggaanc gtgccgggtn tcaaaa 416

<210> 11724
<211> 458
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-101-Q1-E1-F5

<400> 11724

actgtncggc agcctcacng nctcaagggt cgacncaccc ntcnagcgnc aatcatnggn 60

ttgccacagg cgtatctggg aangggaatg atgtgaagga gacgattcgt tggttactga 120

actctgccgt cacttttata ctcaaggttg gggtgtcngg cactgggcgg tagcataacg 180

atgaaagttc atgatgcttc gattcctaaa ccggagcaac ttatcgtcat gtctccttca 240

ggtgttcaaa aggagaggat gcaacctgag gatatgtaca tcttatctgc taatggatcc 300

atcatatcta caccctctcc aaagccatac ccaaataagc ctcccaagtg taccgattgt 360

gctccacttt tcatgaangc atatgagatg cnaaatgccg gaactgttat tcacagtcct 420

ggnnaagaaa ccttcncgtg nnaanacctn aanccgca 458

<210> 11725
<211> 434
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-101-Q1-E1-F7

<400> 11725

caagnactcg agggtcgann cacgcgtcnn cnttcnctct cnctnctctc ttctctttgt 60

gtaagcaaag aaccaatctt tagataattt aggaaactct tcattattcc tcttgcaagc 120

tcgaatgatc gccgccttgt tcccttgata cctcgaatcc ttttcttctt ccagcctcaa 180

gtatcacttc aatcttctcg gnttgatagt taaatggatc ctgttcctgt tcgatgtctt 240

cttaacaagt atatctcggt atcttcatct ggttgcgtgc cagactataa gatttaatcc 300

tattcaaaca tgtattggaa atatggttct cttgttgaag ctcttgaaac cgttgctcga 360

tgaagttgtt gattgcaaga naccttctga agaatgntta aataaaagnn gtgaaaaacn 420

tnagncngng ntgt 434

<210> 11726
<211> 420
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-101-Q1-E1-F8

<400> 11726

tcnnagngng tntngtacng tttgaagaca aaccangatt attcatacct aaagaggctt 60

ttcagagacc tatttatccg agaaggttat cagtttgact atgtattttc tctatgtgcg 120

ttcactacgg tttgnagaca naccagatta ttcataccta aagaggcttt tcagagacct 180

atttatccga gaaggttatc agtttgacta tgtatttgat tggacaatat tgaggtatcc 240

acagttcggc tccagttcca gctcgaattc caaaccaaga ccaactttaa gaccagctat 300

gaatattcca gtaccatctg ccgacaaagc ggaaaagcct ccaattggac aggacagccn 360

tnanaaggtc ncaagngttt tcnaagnata nacccnaaaa aaaaggggcc agggaacggg 420

<210> 11727
<211> 471
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-101-Q1-E1-G11

<400> 11727

ttaacnncca cggccggata ggtcanangg ccgngggncg ncccaancnt cnatcnttttt 60

nntnannact cagtgacgac cctctcctaa aaaacactca taaataaact cgctggagac 120

gccggaacca aaaacagagt tctaatggag aagagggaaa atggtctcga tggaaagcaa 180

tcgggtcggg tcattaacgg acccactaac ccgatggtca cacctctgct caacgatctt 240

taccanttca ccatggctta tgcttattgg aaagctggna aacaatctga gcgatctgtg 300

tttgatctgt nttttcgtaa gaatcctttt ggtggagaat acactatctt tgctggttta 360

gaagaatgca tcatntttct cgccaatttc aatttgactg atgangagat tggtttcgtt 420

ccgtgatttc gttacctggg natggtngag ggaagccttt cggtgaattt g 471

<210> 11728
<211> 484
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-101-Q1-E1-G12

<400> 11728

ntngnggtaa ttcnntacgn tcggctgccc angnnaangt cnnaggnctc gnggntcnan 60

ccaagcctcn atnatnattc atcacatcta caccggtgta tcggaatact tctccagaaa 120

gttaatgata gagcatatgt tcgtgacaag attgactgga tgtacgaaca ggctgacatt 180

tctatacctg caaatagact gggtttggcg aaggccatgg ggctggtcgc ggcttctcac 240

ttggacactg tactggaaaa gctgaaaatc atcgtggata atgttgggca gagtattttc 300

caaaggatct tatctctctt ctctgagagc tataaaacag aagacagtga tgatatacac 360

gctgctttgg ctttgatgta tggatatgct gcaaaatatg caccctcatc agttattgaa 420

gccagaatag atgcacttgt cggcaccaat atgctttcac gggntccttc atgtggggna 480

aaaa 484

<210> 11729
<211> 142
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-101-Q1-E1-G3

<400> 11729

natnaaggtg tggncaccan ttggaaagaa gaagtttgag actctatcct acctccctga 60

ccttagtgac gtctaattgg ctaacgaagt tgactacctt cttcagcaac aagtggattc 120

cntgtgttga attcgngtta na 142

<210> 11730
<211> 389
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-101-Q1-E1-G5

<400> 11730

nnattgtctc aatttttagg gttcatcaaa atttgaacaa aagggacctg ttttgctcaa 60

tttttgatag cagaagacga atctggatct ggggtcactt caagattgaa ttaagaggtt 120

tttaagtaag ttgagatgtc agttaaagca aggagaattt ctggtagatt agagactgta 180

gtaactaagg ttaattatgc atttgatcct gttgacgatg acaaaatcat aagaaaccgg 240

cttctaaccc gaaccacgac cactcgaggc gagcctccat tgaagaaact tcagaagaag 300

ttcacttcnt ttgtactcna ngtggataaa gaagaanaga actatnacga ctgnggtaaa 360

ncttgcnaaa cctttttttan agggangng 389

<210> 11731
<211> 386
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-101-Q1-E1-E4

<400> 11731

tttccatttc cncgacaaac tccttttttt ctctcacttt tctcgaattc ttttttttt 60

tttttctctc aacgaaacat aaatcctctg ttttggttta agagatggat atagaagcaa 120

gcagacaana aaccagngta ccggtttcag tcggcggtgg gaattttccg gttggtgggt 180

taagtccgtt gagtgaagct atatggagag agaaagctcc aacggagttt gncggagacg 240

tgtcagcgag gcttacgtgg caanatctga cggtgatggt gactanggga gatggtgaga 300

ctcaaaatgt tcttgaaggt cttaccggtt angctgaanc gggatntngc angggntctc 360

aagggcccct tncgggtccg ggaaat 386

<210> 11732
<211> 75
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-101-Q1-E1-B4

<400> 11732

gcatccntct ccgtgatngc cgtcgangaa tcctccggtg aaagcgtttc ggtggcaaga 60

tcttggatcg tgtga 75

<210> 11733
<211> 505
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-101-Q1-E1-B6

<400> 11733

ggngnanttc taccggtcgg tagccctcan agaattcaag ggncgaccca cncgtccnga 60

ttcttctgag ttcttgcatg gttcagggtc aaaccaacaa atatggaaag aaaagtatta 120

tttagttaca acgtgaaaac acaggcttat taattctctg cagataactg cagaagaaag 180

aagaaagaag aagaagaaga gattagagct tgagccataa tatataatcc cttgatcatt 240

agtctaaaga accacatana aagatgggat tctggtcgtt gttggaggtg gcttctatgc 300

cggttattca agttcttttc atgagtcttg tgggagcttt catggcctct gatcgttgca 360

agctcttccc tgttgaagcc cgtaattcca tgaacaangt ggtgtttgta ccantttcac 420

cggggctcaa gnttggcaat ccnacncana aaagggttac ntttnaaant tcancccag 480

ggggggttta acccggtnaa aaagg 505

<210> 11734
<211> 449
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-101-Q1-E1-B7

<400> 11734

gggatttaaa cgccancgna ccaanctcag ggtcgacncn cccgtcnngg gatggantcn 60

gtncgacgca cttacaccat tatgcgaggt cgtcacatan acaagcgtgt tccttctaaa 120

gagtttctct ctgctttgga taaagctgaa actgcagtac gtcttcctac tgggacggga 180

aaagactgcg ggaatccttc ctggaagcga tctctgcctc acgtgctcgt tgcttctctg 240

acttcgcttt tattcggcta tcatctcggg gttgttaatg aaactctcga angcatatca 300

nttgaccttg gctttagtgg gaacaccata gctgaangtc ttgtggttaa cacctggtta 360

agcggcgcct ttattgggtc nctgttcagt gggttngtag ctnacggtgt ttggcgccct 420

anaacttttc nnatttgggg ccntnaaca 449

<210> 11735
<211> 443
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-101-Q1-E1-B8

<400> 11735

cgctctcaaa cgaaatggtg gttttgattt caagtacagt gacgatttgc aatgttaaac 60

caaagcttga agacggaaac tttcgcgtta gccggttgat acacagaccc gaggttccat 120

ttttctcagg attgagtaat gagaagaaga agaaatgtgc agtttcggtt atgtgtttag 180

ctgtgaagaa agaacaagtt gttcaaagcg tggagagtgt taacgggacg atttttccga 240

agaaatcaaa aaatcttatc atgagcgaag gaagagatga agatgaggac tatgggaaga 300

ttatttgtcc aggttgtggg aattttatgc aagacaatgn ttcaaattta acccgatatt 360

ntcccaaaag aaaagggcct ntgcaaaaac tnggaagggt gatnaacatg tggaaaatna 420

tnaccttgcn gggtttgaaa tgg 443

<210> 11736
<211> 256
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-101-Q1-E1-B9

<400> 11736

anctctgtcg actcagagcc catggcacan ggantatacc cgtatcnaga tccttactga 60

catgaagcgt cnttgcacag caagcgtatc gnccacatcc ctatcctggg gtccaattgc 120

aagttaatgg gaatgcacca gccaggagtt ccattgcaat gtgatgcngt cnaggaacct 180

gtttttgtta acgcaaagca ataccatggt atactcaggc gcaggcaatc ccgggcaaaa 240

cctngangga cgannt 256

<210> 11737
<211> 313
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-101-Q1-E1-C11

<400> 11737

gngttaanca nnaacctcct cgccctaaac ctgaacctgt cgatcgngaa aagacatgtc 60

cccttcttct tcgtgttttc antaagagtg gtggtcatca tactantgaa gattatgctg 120

tgagaggcaa agaaccaaag gatgaagttc aaatctacac ttggaaagat gccagtcttc 180

gcnagctaac agatttggtt aaagaagttt ctgtancanc taggagaagg aatgcnagat 240

tgtcntttgc gtttgtttat cctaacaata aangtggcta taatgtgaga gangttgggg 300

agacganggg tta 313

<210> 11738
<211> 102
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-101-Q1-E1-C3

<400> 11738

ggnacattcg gtgttgtcgc ttcacgcgga ctgcttacaa nacgggtcat caagttcgta 60

tntgtgacaa gtgttgtagg atatagacat tnaaaactct ng 102

<210> 11739
<211> 450
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-101-Q1-E1-C5

<400> 11739

ctttggnctc gnnnggncga tacanccntc tanacnnacg tnctgcctaa cgcgtccgcc 60

cacgcgtccg atggactgtg gaatcatcaa gggaaatgga acagaatctg gacggattat 120

taccaccaaa aagaagggtt tgaatgatca aaaagacaag acaatctctt acagagctga 180

acatgtaatt ggcactggct cattcggtgt tgtctttcag gctaagtgct tagagacgga 240

agaaaaagta gcaataaaga aagtgttaca ggacaagaga tacaaaaaca gagaacttca 300

gatcatgcga atgcttgatc atcctaatgt cgttgagctc aagcattctt tcntttccac 360

gactgagaaa gacnagcttt ancctaaacc ntgttcntga agtangtttc cccngaacnt 420

ntnaccggcc ttccaatttt ttaccccang 450

<210> 11740
<211> 62
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-101-Q1-E1-C7

<400> 11740

tcgctataaa agggaatttc caacttccaa taaaaaggca angcgtaaat ncctgcccgt 60

tg 62

<210> 11741
<211> 102
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-101-Q1-E1-C9

<400> 11741

gtnngatcta cagaggatga tttccaacng tggaacaagt tgccgtcgac gaaattttat 60

gtcagccgtg cgtacacgag gcgaggatcc catcgggaaa tt 102

<210> 11742
<211> 512
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-101-Q1-E1-D1

<400> 11742

ggngnaattt nanaacgntc gggccgnacg ganaccggtc acagnantcc cgggncgacc 60

cacgcgtccn cttcttctct gttctatcgc agacattttt gtttatatgc atacataata 120

ataatacact cttgtcagga tttttgattc tctctttggt tttctcggaa aaatgtctgc 180

gatactccaa ggagctggag ctgcaacggc tctctcgccg tttaattcta tcgattccaa 240

caaactcgtt gctccttctc gctcttctct ttcagtgagg agcaagagat acattgttgc 300

cggatctgat agtaaaagct ttggttctag cctcgtagct cgtcgctctg agccgttgat 360

accaaatgct gttacgacga aagnggacac tgctgcgaac tctacttcat caaaagcctg 420

gacatgagct antannttte caaggncttn aaaaaagngt ataaaaaaaa nattgngaca 480

gatttccaan tgtatgttcc agggggnnaa aa 512

<210> 11743
<211> 479
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-101-Q1-E1-D10

<400> 11743

ngtaattcna aacncgtcga cgnccnggtg canagtcana ggncccangg gncgacccaa 60

gcgtcnnnct tacaatnnna aaaatgggag cttcgaaact ttccgggatg caaaagcaag 120

tcttgagtct ctacagagga tttctaagag cagctcgttc aagaccaata naagacagga 180

agagaataga gatgattgtg tcaacagagt tccgccacaa ctctaaggag gtcgaccgta 240

agaattttca gtacatcgag tatttgcttc ggttaggtac taaacagctt gatcaactca 300

aaagccctgc catagttagc ctctcctcga tcaaggtcgt tncatctaaa acctgatacc 360

ttattttata gcttgttgct ctagtgacca tacgataaca aagctgagga aattgattcg 420

ttttcctcct tttanattga gttaagtagg tnnaatgatn ggangttcaa ggtcaatta 479

<210> 11744
<211> 400
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-101-Q1-E1-D12

<400> 11744

cgtggnncnt tnnaannctc tanactgngt cgtnttaagc taaacaaata atcagaggaa 60

cgaaggagac agcttctgcg aaatcagcat gagagccaag gttagtaatg ggttttgatt 120

gtttaatgga ttttttagtg atgagaaatt gaagtagtgt gtaggatctt tatggtttgt 180

gtgtttgtgt gttgcagtgg aagaagaagc gtatgaggag attgaagagg aagagacgaa 240

agatgagaca gcgatctaag tagattcggg agtttgtttt gtctttcttc tttttagaac 300

caactcttat gtgagttttg ttggttttgc aattttcaat ttgaatgttt tgttggngca 360

natccaaatc tatgttttcc aagtanaatt anggtttaat 400

<210> 11745
<211> 488

<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-101-Q1-E1-D2

<400> 11745

ggggngantt aaatnctacg cggcggaaag gtcaggnact cncgggncga cccacgcgtc 60

cncggacncn tgggcgaaaa tggttgcctc agccgccgca cgacctcttg tcaccgtcca 120

aggacttgac ggtgacatga gcaccgatca atccaccacc gtcactttac cagacgtcat 180

gactgctcca gttcgacctg anattgtcaa cttcgtccac gcccaaatct ccaacaacag 240

ccgtcagcct tacgcagtct ccaaaaaggc cggtcaccaa acctccgccg agtcctgggg 300

aaccggaaga gccgtgtcac gtatccctcg tgttcctggt ggtggaactc accgtgccgg 360

tcaagcagcg ttcggaaaca tgtgtcgtgg tggtcctang tttgctccga ctaagatttg 420

ggaaannccng gnaacgtcgt nttaaagtnn acnnttaaaa gggcncncna ttgttttgca 480

atcgcngc 488

<210> 11746
<211> 355
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-101-Q1-E1-D3

<400> 11746

ngcntcnata tcnngncant ttnggtaatg tgcttgtgcc tcctcagctc aagggaagga 60

gcaatgttgc tacagaggat atgagcaggc tttttgtgaa aaaacggcaa gactccacca 120

aggcaaaatc tccagatcag gaatagtttg gtcaaatttg aatggtttta tttctctgac 180

taattacgta acattttgtg caacataata gtggtatctt agcagaaata acagagtatg 240

caacttttt tgtttttca tttatttggt actatttata caaaagaaac aaaaaaagtt 300

ctgatatttc cattaaaaaa aaanaaaaaa aacaaaaaac ccaaaaanat nanna 355

<210> 11747
<211> 478
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-101-Q1-E1-E12

<400> 11747

anttntnann ngtcatacgg tcaggcaaag gtcacnggnc ncgnggnncn ntncaancct 60

ctagncngnn tcgtattacc gccaacagca tcacaatcaa tcacttgctt ttctcaccaa 120

aacggcaatc tccccaaagc agggcatgca ttggttataa ctcacaatgg agcaagcgga 180

gactatccag gctgcactga tctggcttac cagaaagcaa tcgacgatgg agcagacata 240

attgactgct ctgttcagat gtccaaagac ggaatcgctt tctgccatga tgctgcagac 300

ctctcagcaa gtaccaccgc caggactact ttcatgtccc gagccaccag cgttcctgag 360

atccagccta ccaacggaat cttctctttt gatcttacat gggccgagat ncaatctgtg 420

aagccacaaa tagaaaaacc ccttaatggc caacgggctt caanagaaaa ccccgcaa 478

<210> 11748
<211> 505
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-101-Q1-E1-E3

<400> 11748

gnngnanntt aaangctacg cggacaggaa cnggtcacag aantcncggg ncgacccacg 60

cgtcnngtcg gtgatcggag atggagttcc gggagaagct tttgaagttc aagttgcaaa 120

tcgtgtttgc ctttgtttta tctctcctca ccgtagctct cgtcgcttat tctcccggtt 180

tcctcaccgt tctatcttac ttctggccac tttttctctc cacggctctc tttctcgctg 240

ccgttttctt cttcgcacgc acctccgatc tcccggtttc gtctaccatc atcccaggcg 300

aaggcgcagg cttaaaagtg gcggcggaag ggattcttga ctatgtcgtc ggcggacaac 360

acgaagacat tctctttgat agcttcacca aacttgacta agtatgagac ctctctgttc 420

ntaattcctt aagtanttcc gttaantaan ttgttccctt tttaaaacna nagaaaatnn 480

aaattttcca angttnaaan ttncc 505

<210> 11749
<211> 517

<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-101-Q1-E1-B3

<400> 11749

ggngnaacnt tgnanctcnt gccgntcggn accggtctgg gaantcacgg gccgacccac 60

gcgtcnaaga gaaattgaag ttcacagctg aagaaattga gatgggtctt atcgagtcca 120

acactacaaa tgctcagctt cacattgcac ttttgaaggg gataccaccg gtgaataaaa 180

cgcttgacga tgcaaatgca tggatcacgg tgttgtgtaa gaaactagct ccatggtggc 240

catggattgc taagggtgaa attcatatta ctgttaacaa aggggaggaa atatctgaat 300

accaaggact tgactctatt aaccgcctga agattttgaa ggcactttgt gagcttcgag 360

ttcaacaaga tgatgcacgt tcgtatattc aagaaaatac caaggaanga gactgggatt 420

ctagtttacg ccanaggaaa ctttgaggag attggnaaaa aacntctcat aggggttnna 480

ggggnaannng atnnccaagg gttaaaagtt tatangg 517

<210> 11750
<211> 474
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-099-Q1-E1-H6

<400> 11750

nnnnnnnnna gtttattngn cgncacggtc aaacaanccg gccggccgac ccacgcntcc 60

ngtgttaccg cgtcgaagga gtcaatcact atcagaaatg tcgtcatctt gttcagcagt 120

atctcgattc cactcgcggc gtcggttggg gaaaggatca tcgtcctatt tcgctccacg 180

gtcccaaacc ggaggctgtt gaagctgaat aatgttgtgt gcctcattga gatgtctgag 240

gttttgatat gggacataga atggaatcat ttcacaagct aatggctccc tgatatcttc 300

caaactctgt agatttctct tgttcttaga aacttgtcgg tctttggacc aacggattca 360

tgtaattgag ctttgagtat tgttacactc cacagtatca agtttctgat gatcaaataa 420

gtcccatttt cattaanaaa aaaaaaaaag ggcgggccgc tctaaangat tcaa 474

<210> 11751
<211> 400
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-099-Q1-E1-H9

<400> 11751

agtctctctg acactctcac caacctaatt tctcacaaaa acctaaaaag ttatcgccca 60

tggattcaga tttcggaatc cccagagaac tctctcctct tcaacaactc cgatctcagt 120

accaccctga gcttcctcct tgtctccagg ggactactgt ccgtgttgaa cttggtgatg 180

gaaccactgt ggcaaaggct ggtgatgctc atatcattgc ccgtgccttc ncacatactc 240

taggccagcc tttggctcat ttcctcaggg caactgctaa agttgctgat gctcagatca 300

ttactgaana tccagtgaag agggtcggaa ttgtgttctg tggaaggcag gctcctggtg 360

ggcacaatgt antttggggt ctatacgaag ctctcaaagt 400

<210> 11752
<211> 410
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-100-Q1-E1-A1

<400> 11752

gagatctang cttgaatatg agtctccatt gtcggcagag aagggtagat atgctgagac 60

tctgattcgc cctggaaaaa agcaagtgca gaaaagagag gctcatgana ttatctacat 120

tgatgaagat gagccattca actgtcctga tccagacttt cacgatttta acaacacaat 180

gagctctttc gctgtaggtc aagtatgggc tctatatgat cctgtagatg atatgcctag 240

atactatgct gagatcagga aagtattgca acctcagctg agtttacggg tgacatggct 300

cgaatcatta cagaccacag aggaaccaat tcctgcttgt gggaagattc caacatggna 360

aatcngngac caattnccnn ntntaggttt tcccnangga aatttntcac 410

<210> 11753
<211> 430
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-100-Q1-E1-A3

<400> 11753

aatatggcta ccancactgc agcaacnacc tcaggtattn ttgggatccg gattcaagat 60

cctagacctg naaccggtan ggtccaagcc cggttcgggt tcagtttcgg aaaaaagaaa 120

ccggctccac cgccaaagaa atcaaggcag gtccaagacg atggagacag actagtttgg 180

ttccccggcg caaacccgcc ggaatggttg gacggatcga tgatcggaga ccgtggattt 240

gatccgtttg gtttaggtaa accggctgag tatcttcagt acgatttcga tggacttgac 300

caaaaccttg ccaagaacgt ggcgggtgac atcatcggga tnatccaaga atcctccgag 360

attaaaccga cnccntttna aacctntaac nnaatccctt gggnatcaaa nggttcaaaa 420

aatgtnaanc 430

<210> 11754
<211> 470
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-100-Q1-E1-A4

<400> 11754

cgncnacngn cncgaaggtc gntncaaccc tctanantga ctcgtattan cgcgtccggt 60

ttcagattcc ccacagattt tttagcacat atcaaaatgt ttctttttcg aaaatttatt 120

taaatgataa cgaaatttac atctccattt cgattgattc gcttcttcaa ctctctctct 180

tcttcttctt ctanttgctt ctgtgaaacc ctagattttg gtgtgaggaa gaagacttca 240

atggcggaag aagtagcata gaacgttaac gcagtcccgg tttcggaaga cgagctttac 300

ggatttaaac gatcggagat gtacagtggt actctcgccg gttccgttgg tccgtacggt 360

cgtcatgttt tcctttgtta cangagtcat gagacttggc ttcctcgtgt tgaaactgnn 420

nggcctccnc aanggtttcc cnnaatttgt ttaagggntc gnaangctga 470

<210> 11755
<211> 489
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-100-Q1-E1-A5

<400> 11755

acgttancng cctgnacggc caannattcn cgantcgacc caggcctccn cacncgtccn 60

gtataganag ttatcatcta gggtttatag attggagatt ttagccgcaa caaggaggaa 120

gtgtttttaa tttaatttta ttgttaagag ttattgttgc tttagggatt tttagaattt 180

gggtgttctt ttaaatggct cggttgataa ttccttgtcg aagttcgtct ctggcgagag 240

tcaatcttct gggtttgctc tctcgtgctc ctgttcctgt tagaagcagt tgtcttcgta 300

nttcggcaaa cagacttact caacacagac cgtttcttac ttccgaggcc atttgtttga 360

ggaagaatcg gtttctaccc cattctgttg atacacatna gcaaaacagc aggaggctca 420

tttgttctgt tgccacaaaa tcantttccg atnaaagctg aaaanttccc aatngggnnn 480

cccnaaana 489

<210> 11756
<211> 493
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-100-Q1-E1-A7

<400> 11756

nngnannttn ngcagcctcc accgnacaan nactggtcan agcattcccg ggncgacnca 60

cgcgtccncg aggtcacaag tcagtacaca aaggaagttc ctttttggg ttttggggtc 120

tgctttgtgt cagtgatttt aggattgctt catttgccac acatttccaa tctcttaagt 180

agttggcggc gaagatgggt ttcctgatag ggggctcttg cttcgtccct tctgttcctc 240

tacactctcg attcctttca tctccttctt cttcttcttc ttcttctcct tcttcgtctc 300

agtttgggct tctgtgttcg agtaatgtcg ccaagttcaa gcgccgacga ccaacattgg 360

cttctttaaa ccaggaagat gggtacgagt atgacgttgc ttccgccaaa aggagggctt 420

tccttcctgt gggtanctcc gttcctcccn ttttggaann tntattaacc cccttgggnt 480

nanaaaanag gca 493

<210> 11757
<211> 484
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-100-Q1-E1-A9

<400> 11757

gntnnggtan ttttntactg ntcgactggt catgnngtag tctagggttt cntggnccac 60

nctacgcgtg antcntagnt anngtagaac tacctttttcg taacctcccc tcctcgtgac 120

ttccacatac aaaacatgca aatctagttc ttttcctcca atcacaggaa tcatgaactt 180

agtggacata attgagtgaa accgcctgag agtatcccag aagacanaag aatccttgac 240

gacaacttca tgtaaagcca atggttctgg atactcttta atcttcgccg gcgaagtcgc 300

catcatttct accgtcgctt gagacggtgt cnattcgttg tccgatgaca tcgctataga 360

gagactttta gtagagacag atatcttttt tttgttgggg aagtcacgag gaggggaggt 420

tacgaaaagg tagtcgtana gaaaaaatgg anggaaattg gaggaatgtt tanattctcc 480

ggga 484

<210> 11758
<211> 398
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-100-Q1-E1-B12

<400> 11758

agtgngtgtn ngagctgtct ctataggcaa agaaacgata attggggacc atatgttctt 60

ctttttccag atgancgacg aagcctttta gtccacgaag aagacaatgt cttctaagtg 120

gtggaacatt ttcctttctt cntctttaaa tctttctgnt tgcctcttaa attttctggg 180

tccatggcaa gtttgcacct tggaggtgct tcgttgatca atgaggtcgt ttttggctcc 240

tccttgattg gtttcagaag taaacggttt aaacgagctt cagagagatg taggttttgt 300

gttcaacaaa tgtcagagaa tgancagaga actaaacacg aactggctcg gttcctgcta 360

aaagaagcga gtccttgaga antnatttna angccant 398

<210> 11759
<211> 71
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-100-Q1-E1-B3

<400> 11759

gnatcactcg tttcctgatn gaaaggacga tagtctcagg tgacctggtg gtggtgctcc 60

ggtttacntg g 71

<210> 11760
<211> 492
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-100-Q1-E1-B5

<400> 11760

nnnatttanc agncttaccg ncaaagactg gtanagcatt cgcgggccga tacangcntc 60

tacagggntt ctanttatct agggtttatc tatctcattc cgcaatcatg gagtctctgg 120

ggaagctaca gctacatcac cagccatttc acctttcctt cactcacacc tcttcttcaa 180

cattccccaa aaacctcttc aaatcctcaa ttcaaccaat ttcatctctc aaatccgctt 240

caattaaagc ttcgtcctcc aaatttcaaa actctatcac ccctctccca aagtccacac 300

ctttccgtct cttcaaatcc acatgcatca ctctaacaac cgccgcggct ctgcttttgg 360

cgaatctcca tctcaaatcg ccggcgattg cagctcccat cgcgcctccg ccgtcagttg 420

aaagcaaaga aaacgttacc ttggaagaag aanagagagc gcttntgtna nccattttgn 480

nnacncccct tt 492

<210> 11761
<211> 496
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-100-Q1-E1-B6

<400> 11761

ngnngtactt nacatgcnna cncgnacgaa acaggtcngn ggncncgcgg gncganncan 60

gcntctacac antatnctct tnctgaatcc attactttta ctccaaaatc attaacaatg 120

gactcaggaa gtgcagtgga catcatttcg acgctttcag acttcctgct cgtcctgatc 180

atttcgaacc tttccttcaa ggaggctttg agcaccagtc gcctttccac ccgctggaga 240

cacatatgtc gcgaaacgag aaacatctct ttcagagagg acgagatcgt gacattcgct 300

gatgattccg ttgctcgcta ttaccaaagg gctgcattag ttgcctatat ggttggttgg 360

gttaacaatt ttaccggtgg agttgttgaa agcttcgagc ttcgtctctc taattcgtaa 420

gcttttgaag aaggggtcac cacactgatn naattcgctg tctccaaaaa agtcaaacan 480

ctttttctgg accccc 496

<210> 11762
<211> 495
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-100-Q1-E1-B7

<400> 11762

ggnaacttag aagnncnatc agntcnaaag actggtcaca gcantcgcgg gccgacacac 60

gcntcnacng ncncttgggt tncgatactt tcaatctctc taaactctca atttcagtaa 120

tcgataaccg tagcaatgga atccaccgga aaagtgaaga aagctttcgg aggaagaaaa 180

ccacctggtg ccccaaaaac caaatcggtt tcgaaatcga tgaaagccgg tcttcaattc 240

ccagtgggaa gaatcactcg tttcctgaag aaaggacgat acgctcagag acttggtggt 300

ggtgctccgg tttacatggc cgccgttctt gaatacctcg ccgcagaagt tctggagctt 360

gctggtaacg ctgcgagaga taacaagaaa tcaaggataa ttccgaggca tcttcctctc 420

gcgataagga acgattaaaa aattgggaaa ctntgantgg ggttcaaaan cgcaaaaggg 480

gggtnttttg ccaaa 495

<210> 11763
<211> 126
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB25-100-Q1-E1-B8

<400> 11763

acaancgtgt cattganagg ttcgagaagg aggctgctga natgaacaat aggtccttca 60

agtacccatg ggttttggac aaacttaagg ctgaccgtga ncgtggtatc ancattgaca 120

ttgcnc 126

<210> 11764
<211> 433
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-100-Q1-E1-B9

<400> 11764

cnngggncga nccangcgtc aatctnnnat ngganaacag catcgcgtgc tactcacgtg 60

ggatccttcc cccaagtgtc tcttctcaac gatcctctac attggtctct cctccttcct 120

acnccacatc ctccagcttc aagcgtctaa aatcgagctc aatcttcgga gattcactac 180

gattagcacc aaaatcgcaa cttaaagcca caaaagctaa gagcaatggt gcttcaactg 240

tgaccaaatg tgaaattggc canagcttgg aagagttttt ggcacaagca actcctgaca 300

agggattgag aactttgctg atgtgtatgg ganaagcatt gaagaataat agcttttana 360

gttagaacag cttcttgcgg tggaacannt tgtgttaatt cccttgggga anaacnaatc 420

cccgnttnga nat 433

<210> 11765
<211> 399
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-099-Q1-E1-H5

<400> 11765

ctgctgtaga gcttactact cttcccctaa tactgaaggt tttataattc tacactgacc 60

ctatactttt gtgatgtttt atttctttaa aacagtattc tttacctatc ccatgtctgg 120

ggaaaagtgc aaaatattta tgaaggcatc attttattgt tttcgcctct cgaatgtttt 180

gtggtgcctt ttttccatta ttattggcct ttttactgtc tggaggatta atattatttg 240

acaaatctac ttctatccat ttgtgactcc cagaattaga atggtctttc tcactgttat 300

atttatcctc tcagtgtgta tcagtctgtg gaagtttctt gtttactaat aatgtctatt 360

tatgctctga atttgatcct gggaattgtt tcccaaaag 399

<210> 11766
<211> 407
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-099-Q1-E1-F12

<400> 11766

tttctcagac cacaatagca gaacccgata aagagctaca gcggtttgca atctggaaat 60

actcattcct caaaacctgt gaagctgttg atctggagct tgagcatcac cgaaagatag 120

attctttcaa cagcggtacg accgctctaa ccattgtgag acagggtgat gttatttata 180

tagcaaacgt cggggattca cgtgcggtat tggccacagt ttcagacgaa ggaagcttgg 240

tcgcggttca gctcaccgta gatttcaagc caaacctgcc tcaggaggaa gagcggataa 300

tcggatgcaa cgggagagta ttttgccttc aagatgagcc aggggtccac cgtgtatggc 360

aaccaagtag atgaatctcc ggggctcgca atgtcaanaa cattcgg 407

<210> 11767
<211> 389
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-099-Q1-E1-F2

<400> 11767

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attttcaacg ctctttttgg cttgagctca aatttttgga tggcaattgg cacaaggttt 120

cttcttggga gtttcaactg tttgcttgga acaatgaagg cctatgcatc agaaatattt 180

cgtgatgaat atcaagctac cgcaatgtca gctgttagta ctgcttgggg cattggactg 240

atcattggcc ctgctcttgg agggtttttt agctcagccg gcagacaaat atccaaatgt 300

gttctcccaa gaatctcttt ttggcagatt ccggtatgca ttgccttgct ttacnattca 360

nccttgcct tgccttgtga aaatactag 389

<210> 11768
<211> 468
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-099-Q1-E1-F4

<400> 11768

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atttaccaac ttgccctcgc ggctctattc ggagcttcct tcgttgctgt ttctgggttt 180

ttcatgcatt tcaaggcact gaatctagtc cttgagcgtg gtaaggagcg taaagagaac 240

cctgatggag acgagcctca aaatccgacc ttggtgaggc ggcggagcca agttagaagg 300

aaggttaatg accaatatgg tcgcagtcct gcttctcttc cagatgccac tccttttacc 360

gatggtggcg gcggcggcgg cggtgataca ggacggagca acggtcacgt ttaagtcgat 420

gaaattcctc ctggtcctcc ctaagcttca tacgccatct gaagggaa 468

<210> 11769
<211> 397
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-099-Q1-E1-F7

<400> 11769

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aacggtttca tctcagcagc tgagctccgc catgtgatga caaaccttgg tgagaagctt 120

actgatgaag aagttgatga gatgatcaag gaagctgatg ttgatggtga tggtcagatt 180

aactacgaag agtttgttaa ggtcatgatg gctaagtgat gctgttttag aaccaaacaa 240

tggctctata aacttggttt gcatctctta catataaatt cttatgttat gttctataat 300

ttttattcat gggactcgag gtatgttttc tgcttgttta agacgcgaat gttttaaccc 360

ctttaagccc aattttgcgt cgaacatttt caaaagc 397

<210> 11770
<211> 377
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-099-Q1-E1-G1

<400> 11770

ttcgagagat naaccggacc agaccggcaa ttgtatatcc actggaaagt ccggtctaag 60

tccggttcaa gactgtggtt angctattcg gagtcaacat tttcaatgtg agtaacgaga 120

aaccaaacga cgtcgcagta gagtgtgttg gcaagaagag atctcgggaa gatgatttgt 180

tttcgttagg gtgttccaag aagcaggcga ttatcaacat cttgtgacaa attcttttt 240

tttggttttt tttcttcaat ttgtttctcc tttttcaata ttttgtattg aaatgacaag 300

ttgtaaatta cgacaagaca agaaaaaatg acaactagac aanatagttt ttgtttacat 360

ccnaatttag gattctg 377

<210> 11771
<211> 124
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-099-Q1-E1-G11

<400> 11771

aaggatgtca tgtcacaaca naacatgtac ncccaattat taccactggc tctagccgca 60

ccaccgatgc caggaatggg angtggcggg tatggtccac cancatatca tgggtggaat 120

gcna 124

<210> 11772
<211> 380
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-099-Q1-E1-G12

<400> 11772

cttggttctt ttccataagc ttataacata tatttttttt aaaatctact ctgcgttaaa 60

aaaatgaaaa cacgtagcag cagtgtgggt aagatcaaag ggtgtttctc gatcagtttc 120

atattcagat gtatcagagt tctcattaac agatctgttt ctttttcctt atctgattaa 180

acaatttcct tcagaatttt actttttga acatatatag tttttctctg ttcctatatc 240

ttgagttttg tgagaggtta attatatgaa attttacgca ttattgttca tctatatcga 300

aaaacaatgt caagaaagcc atgttgcgtc ggagaaggct tgaagaaagg agcatggacc 360

accgaggagg acaagaaact 380

<210> 11773
<211> 455
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-099-Q1-E1-G2

<400> 11773

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aatgcttngg tccgtcctaa gcctttccaa acaactngcg aaagggagtt tactttaacg 120

ggacaaggaa agttggtttg ttgtccgatg gtgaaagaag aatttgtctc tcggggaggt 180

ttggttcgac aaaagatgaa gtacatgaga ttccttagga aacgtatgaa cactaagcct 240

tctcatggtc ctattcactt tcgtgctcct tccaagatct tctggcgcac tgttcgcggg 300

gaatgattcc acacaagacc aagcgtggtg ctgctgcact ttgctcgcct tgaaaggttt 360

tttgagggga atcccaacct ccttacgaca aggattaaga agaatgggnt aatccctgga 420

tgctccttaa aggtttttga gaacttccag agtgg 455

<210> 11774
<211> 410
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-099-Q1-E1-G5

<400> 11774

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tttacccgct tttagcccgg tgggtcctcc caccgtgact gcttccaccg ccgtcgtccc 120

ggagattctc tcctttggac aacaagcacc ggaaccacct cttcaccacc caaaacccac 180

cgagcaatct cacgatggtc tcgatctctc cgatcaagcc cgtcttttct cctctatccc 240

aacctctgat ctcctccgtt ccaccgccgt gttgcatgcg gcggcgatag gtcctatggt 300

cgacctaggg acgtgggtca tgagctctaa acttatggac gcttcggtga cgcgtggcat 360

ggttttangg cttgtgaaaa gtacgtttta agaacaattt ngcgccgggg 410

<210> 11775
<211> 410
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-099-Q1-E1-G6

<400> 11775

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accatcgttt tttcaggttt atcattgttt atcgcatctt tctggaggat ctagccgctg 120

ctatcatgaa gttcttggag tacactaacc tagacagatt gaatgttttt ctgggtcatc 180

ttaatctcgg ggaaaggact atcaaaggtt gcttggaagc ttattcttgc aaacatgcag 240

gaagtgataa aagattgtct cttagtttgg agaatgagat gcttgattat cttgggaaat 300

cttctgacac cgactcttct tcacccgttg atctcttgtt aagcagatna agtcgaaagg 360

cttgatcnac ttgggtccta aagcccaaca aatgtnaccc ggactacnat 410

<210> 11776
<211> 408
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-099-Q1-E1-G7

<400> 11776

cataaatact aatggagcac caccaccagc atcaccgtca ccaccaacgc gacgacggag 60

aagacgatcg tcaatccttt ggagtaccac cgccacacgt cgatgctccg ccacaacctc 120

atggtcttta ccagtcacag cctcattttg atccttacgc gcctactcct caagctccgg 180

cgccttaccg atcagaaact caattcgaac cccacgcgcc tccgccttac cgatcagagc 240

cttactttga aactccggca ccaccgcctt catttggtca tgtgagtcat gttggtcacc 300

aatcacccaa cgaatcttac ccaccggaac ancaccgtta cggagggtta tcaancagcc 360

gttctaattc cttactggga aagtcatgga gattacagtg gngtcacg 408

<210> 11777
<211> 411
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-099-Q1-E1-G8

<400> 11777

gacttctctc ttctacaccg gcgatggctt cgccgcctat gactgccgtg gtgatatcat 60

cttcagggtt gattcttatg gacctgacac aagagataac gatgagattg tcctcatgga 120

cgcgaccggg aagtgtctcc ttaccgttaa acgaaagaga ccaactctac accaaagatg 180

ggaaggtttt ctcggcgaga gatcggaagg tcagaaaccg atattcagcg tccgtagatc 240

gtcgataatc ggacggtgta cgatggaagt agaagtttac gacggaacag gagaagagta 300

cattatcgat ggagacttct cgcaacgaag ctgtctcata tacgacacga agaaatgtac 360

tgtggctgag atnaaacgca aagttagacg cgtcaacgaa cgttgatgct t 411

<210> 11778
<211> 386
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-099-Q1-E1-H1

<400> 11778

aacgttttcc tctgtggtaa ctccggcggc ttttgagata ggcagcctcc cgacaaccga 60

gataccggtg gatccggtgg aaaatgattc aacagcaccg ccaaaaccgg tgagaatcac 120

ctgtccaaca gtcgccggaa cttatcccgt cgttttattc ttccatggct tttatcttcg 180

caactacttc tactctgacg ttcttaacca catcgcttcg catggttaca ttcttgtagc 240

cccacagttg tgcaaattat tgccgccggg agggcaagtg gaagtggacg atgctggaag 300

tgtgataaac tgggcatcgg aaaactcaaa gctcaactaa caacttcggt aaatgctaat 360

ggaaaataca cctcactcgt gggcca 386

<210> 11779
<211> 310
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-099-Q1-E1-H10

<400> 11779

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tccttcttta tctttgcaaa tttcaaagat tttgggaccg agtttttttt ttttttttgt 120

tcaagttatc agagacttgt gatcttttat ccgagatagg ctttttatga ctaatcatgt 180

tattttccaa tggcgggctt ttaaattgat cttgaatttt tattggctgt taaaaaaaaa 240

aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aanccaaaaa aaaaaaaaaa 300

aaaggggngg 310

<210> 11780
<211> 412
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-099-Q1-E1-H11

<400> 11780

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taaaggtcct cttgaaatga tggaatctct cgaacaagtc ttacctgtta ggaaagggat 120

atcgaagtat tacagtggaa agtcaaagtc ttttactaat ttaacggcgg aggcagcttc 180

ggcgttgact tcttcttcgt cgatgaaaga tttagcgaag ccggagaatc cttacagtag 240

gaggaggagg aatctcctct gccatcagat ttgggaaaat aacaagacga ctccacgtgg 300

tgggatctcg aagaaacacg ttatgagttc tagcagaagc gctttgacgc tagctatggc 360

tgttgcggct ggtgtgatga ccggagaagg atctcctccg gaggtgactc ct 412

<210> 11781
<211> 356
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-099-Q1-E1-H2

<400> 11781

nggggtnanc ccngaaaaan ncnaaannсc naccaanggt taccccaanc ccgncaaccn 60

natcgaacct atgaaagctt tccactgggg aaaagatgtg agcattgaga atctgcatca 120

aggttacaca caacatcntt gaatccacat ttgagagtaa agaagctgtt gcagagtaca 180

ttgctcatcc tgctcacgtt gaattcgcca ccatcttcct tggcagcttg gataaagttt 240

tggttattga ctacaagcct acctctgtct ctctctaatt atcttgtagc aacattttca 300

tcattgatct ttttccccgg gtatgcatcc tggtatgttg aataaagtat aatcct 356

<210> 11782
<211> 416
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-099-Q1-E1-F11

<400> 11782

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ctatggcgaa gaagattgga gtaacgatgg aagttgggaa cgatggtgtt gctgtcatca 120

ccatttctaa ccctcctgtt aactctttag ccagtccaat tatttctggg ttgaaggaga 180

agtttcgtga cgccaatcaa aggaatgatg ttaaggccat cgtgttgatc gggaacaatg 240

gaagattttc gggtggtttt gatatcaatg tctttcagca agttcataag actggggatt 300

tatcgcttat gcctgaagta tctgttgagc ttgtgtgtaa cctgatggaa gactccaagg 360

aagccggttg ttgctgcagt tgaaggatta actccttggg tggtggtttg gaactt 416

<210> 11783
<211> 410
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-099-Q1-E1-C5

<400> 11783

ggnanagnan cattttctag ncnttggtac cgaaactgta aattcncggg ccgacccacg 60

cgtcnaaaat ctttgaattt tatggcaacc cgtcttctcc gaacaaactt tatccggcga 120

tcttaccgtt tacccgcttt tagcccggtg ggtcctccca ccgtgactgc ttccaccgcc 180

gtcgtcccgg agattctctc ctttggacaa cangcaccgg aaccacctct tcaccaccca 240

aaacccaccg agcaatctca cgatggtctc gatctctcng atcaagcccg tcntttctcc 300

tcnatcncaa cctctgatct cctccgtncc atcgccgtgt tncatgcggc ggcgataagt 360

cctatggtnn acctaaggac gtgggtcatg angctntaaa cttatggang 410

<210> 11784
<211> 381
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-099-Q1-E1-C6

<400> 11784

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actctcctca agattatagg aattcatctt ggtttgcctc acgtcgcagc tcaaaatgga 120

cttggacgta atggtgctaa ggtctttggt gctnctgatg atttatctga ctcagctact 180

agcactgaag tttcatanna ancagangct tgtggtgtgc ggaacaatat atcttcacat 240

antgaatttg aaagacgaaa tgttgaggct ggaacttcag gaangactct gaacgggaca 300

agcacttcaa caagttcatt gcctcgtttc cccaannttt catgcgagtt aagcaanggt 360

ccatgggtct gccnatgatt g 381

<210> 11785
<211> 414
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-099-Q1-E1-C7

<400> 11785

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aagaaatcag agagaatgtc gtggcaagca tacgttgatg agcatttgat gtgtgatgtc 120

ggcgacggcc aaggtcacca ccttaccgcc gccgctatca tcggccatga tggtagcgtt 180

tgggctcaga gcgctaattt tcctcagttc aaacctcaag agatcacaga cattatgaag 240

gatttcgatg agcctggtca cctcgctccc acgggtatgt tcctcgcagg gctaaagtat 300

atggtcatcc aaggcgancc taatgctgtc atccgtggca agaagggagc tgggggaatc 360

acgatcaaga anacaggaca ancaatgggt gtttggtctg tannaagnag ccag 414

<210> 11786
<211> 401
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-099-Q1-E1-C8

<400> 11786

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ttgagacaaa agaagacaca caaccaagtc tggacctgaa agaggataaa gaaacagagg 120

aagcagagac attcaagacc gtcttttcgt ctgatgaggt aagatcttct gctgttcaag 180

aagaacaatt tggtgaacat acggaacctt gtagctcgga gattaaagat gagagccatg 240

gaaaagaaga atctgttgag gtcaaatctc aggagactgt tcaagacgaa aacactgagg 300

acaagcatga tgtacttaaa gttccatcta cagaatcaga gaagtatcaa ggcaangaac 360

cccgagacag ttctagtctc caatacagga agctatgaga a 401

<210> 11787
<211> 422
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-099-Q1-E1-C9

<400> 11787

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gagcttcttt tattgccagc cctcgttggc aagatccgtc tagctacgct tccttaatca 120

tgcctcaagg agttgtcccg gttcaaggat ggaaccctta cagtggtcag ctcggctcag 180

tttctccttc aggtaccgga aatgatcaaa actacagaaa tttacagcag aacgagacaa 240

tagagtcagg ctctcagtct caaggatcat tctcgggtta caatccggga tcctctgttc 300

cgctaggagg gtattatgca ttgccgaggg aaaatgtgtt cccggagaga ccaagacaac 360

cccgaatgcc aattctacat gaagacaggt gactgcaaat ttggcacagt ttgcaaattt 420

ca 422

<210> 11788
<211> 420
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-099-Q1-E1-D10

<400> 11788

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cgctgtcaaa gcagcagacc ttgacattgc tggcataatg ggaatgggtt ttccacctta 120

cagaggagga atcatgttct gggctgattc catcggatcg aaatacattt actcgaggct 180

ggatgagtgg tcgaaggctt atggtgaatt cttcaagcct tgtgcttttt tggctgagag 240

gggatctaaa ggagttcttt tgagcgctcc cgtgaaacaa gccaagctca cggttgtaag 300

gtcagcgttt cagtggaacc atttctccat tggtgnatct tctgtgtttt cctnangttc 360

acatttanct tagcccggga aagtggggta nccgttnggg cngccaagaa nggtttttag 420

<210> 11789
<211> 310
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-099-Q1-E1-D12

<400> 11789

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tcaagttatc agagacttgt gatcttttat ccgagatagg ctttttatga ctaatcatgt 180

tattttccaa tggcgggctt ttaaattgat cttgaatttt tattggctgt taaaaaaaaa 240

aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaccaaaaa aaaaaaaaaa 300

aaaggggcgg 310

<210> 11790

<211> 393
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-099-Q1-E1-D4

<400> 11790

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tgtgagactg ggaattggtc tttgtcgtta taagttgggg caactagata aagcacggca 120

agcgtttgat cgcgttttgc agctagatcc tgataatgtt gaggctcttg tggcacttgg 180

gattatggat ttgcaagcaa atgattctat aggaatgagg aaaggaatgg acagaatgca 240

gcaggcattc gagatttatc cctattgcgc atcaagcctt aaattatttg gccaatcact 300

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caactcatgg ggccaacaaa gtcacattct ttt 393

<210> 11791
<211> 478
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-099-Q1-E1-D7

<400> 11791

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tctacagaag ataaacgcta gggaatcaga tttaggaata tctgatgaag cttcatggca 180

cgctaagtac aaaaactctg catatgtcta cgtcggaggc ataccgttcg atctcaccga 240

aggtgatctt ctcgccgtct tctctcaata tggtgaaatt gttgatgtca atcttattcg 300

agacaaggga acgggtaaat ctaaaggttt tgcttttctt gcttatgaag atcagagaag 360

taccattctt gctgttgata atctgaatgg agctcttgtg ttgggacgga ccattaaggt 420

ggaccattgt ggggcataca aaaagcacga agaagaggat gaaagagacg cgacgcca 478

<210> 11792
<211> 408
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-099-Q1-E1-D9

<400> 11792

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accgggaaaa atctccggag atcccaccgt cgttaccgtc aattgtcctg atgaatccgg 120

tctcggttca actctgtgta gaatcatcct cgaatttggt ctctccatta cccgagcaga 180

tttttcaaca gatggaagat ggtgttatat agtgttttgg gttactccag atattagctc 240

tcctaaaatt gattgggaca gcttaaagaa tcgtctttta tcaagcttgt ccttcttgct 300

taggctcttt cnacttctgc cttcaatcca aagtccccaa acctccttcc ctttaacctc 360

ctcaaagttc ctttgccgtg atangaaaag gattgccttc atgaatgt 408

<210> 11793
<211> 411
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-099-Q1-E1-E10

<400> 11793

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gttgtactta acgacagtgg tggtgtcaag aatgcatccc acttgcttaa gtatgactcc 120

atgcttggaa ccttcaaggc tgaagtgaaa attgtggaca atgaaactat tagtgttgat 180

ggtaagctca tcaaagttgt ctccaacaga gaccctctta agcttccatg ggctgagctc 240

ggcattgaca ttgttatcga gggaacagga gtgtttgttg atgggccagg agcagggaag 300

catatccaag ccggagcctc gaaagttatc atcactgcac caagccaagg tgctgatatc 360

ctacctatgt tatgggagtc aatgancaag actatggtca cgatgtcgcn g 411

<210> 11794
<211> 411
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-099-Q1-E1-E2

<400> 11794

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cggcgacgac gatgagctcc gaagcaaaac agtttctctt ccgagaagaa tctcgtttac 120

gattcttctt cttcttctgt taatctcctt gagtacaagg gtctctggtt cgttagacaa 180

atctggaaga agagtgattg aagcgagaac tgggcaagac ttgatttggg ttgttcagct 240

atccgatctc catttcagtg tccatcatcc tgaaagagcc attgatttca aaaacattgt 300

gggtcctgct ctggctctta tcaacccttc tctcgtctta atcaccggtg atctcacaga 360

tgggaaaagc aaagacatgt ttaacaatga agttaaatga agatgagtgg t 411

<210> 11795
<211> 369
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-099-Q1-E1-E5

<400> 11795

agaaaaaaaa aaaaaaaggc aaagagagag cttcaatgga gttagcttct ttccttggta 60

gagctctgtt tgtttccgta tttcttctct ccgcatggca agagttcaat gattttggtg 120

aagatggtgg ccgatcagct aaatctttga aaccaaaatt caatgccttt gtaaaccatg 180

tgacaactca cactggccag caattgccac cagtcgatat gaagattctt gttgctgctg 240

ctatagcctt gaagggtatt gggggactat tgtttgtctt tggcagctca ttgggagctt 300

atctcttgct tctgcatcaa gccgttgcca ncccaattct gtatgaattc tacaactacn 360

atgttgaca 369

<210> 11796
<211> 477
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-099-Q1-E1-E7

<400> 11796

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gtccncccac gcgtccgcgg acgcgtgggc ggacgcgtgg gnggacgcgt ggggatagta 120

taagcttctt tggggttctc agannagcng tatcagaatc gnatatagga gtaatgggag 180

gtaccggaaa gtatgtgaat gcgaggggat tcgcgattct gaagacgttt acaggatcta 240

tcgggacgca gcagaatcag ncgcatcagt tcactgatgg gcttganact gttgttgagt 300

gtaccgttta tctttcttac tanttttatt tttcttcttt tgttggggtt tgggaatgtt 360

tggtgtgtat gttatgtgtg tcatttgtaa tctaaatatg aaatttgtgt aanaaaattg 420

tatgtaattt tgtttcgtnt cttgaangtt actgatttgt tttgggaaca nnaaant 477

<210> 11797
<211> 486
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-099-Q1-E1-E9

<400> 11797

gggngcaatn ccatctgtac ggcncgcggt cnnncntaga attcccgggc cgacccacgc 60

ntcagctgag aaccaagaaa acaaaataat aataaaaaac cctaattccc cgctccactt 120

ctctctctca cgctctctct gtgattttag tatggaagca acggcggagg aatcagttag 180

tactcttgtt acgacgatgg ttgatgagac gtatgagttc ttagcgcctc gatggtttga 240

tttcgttaat ggagagactg aagatgagtc tcgccgagca gaactctggt ttcaatcggc 300

cttaagctgc gctccttctc cttcggttcc tagaatcaaa gcaaggagat cgttcaaggt 360

agaggccatg tgcaacttca atgaagctga agaagagacg ctcaaggata atagagccgt 420

tagaaccagt agttccaatt gtttctttac aatcgcagcc ttctnaggcc aagaaagcag 480

angttg 486

<210> 11798
<211> 393
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-099-Q1-E1-C4

<400> 11798

aataccaaaa acaagtcata agaatcaaat ggagttctct atcaatcctt caactctaaa 60

gatgattcgg acaagttttt gtatattagt agttttggca attagtagtt tttcgatgat 120

ggaagctcgg gatctagcta gcaaaggaaa gacaaatatt gaatatatgg cgttgaattg 180

tcgaaaacat accgcagttt tgacagaatt tggagcagtt ggtgatggaa agacctcgaa 240

cacaaaagcg ttcaaagaag ccataaccaa gcttgctcca aaggcagccg acggtggagt 300

gcaactcatt gttccaccaa gaaaatggct aaccggaagt ttcaacctca ccaagccatt 360

tttactttgt tcatccaaaa aaggtgcaac taa 393

<210> 11799
<211> 490
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-098-Q1-E1-B1

<400> 11799

nnngngnagn ttctcnagcc gggacggtac cgnncngncn cgggtcgacc cacgcgtccg 60

cccaagcgtc cgcccacgcg tccgcaaact cagtgagtga gtcaccgaaa acctcttgta 120

gtagattcgt gacgggtttg atcatctctt cgaggtcggt tctagggttt cactacgaga 180

atggacggag atgagctcac cgagcaggaa actgctcttt atgaccgtca aattagggta 240

tggggagctg gtgctcaaag aagattgagt aaatctcatg ttttggtatc tggaattaag 300

ggcactgttg ctgagttttg taagaacatt gtgttggcan gagtaggtag tgtgactctg 360

ttggatgatc gattggttac aacgggaagt cttcaacgca aacttccttg attcctccct 420

gatgaaaatg cntaagttng caaaaccgtt actgaaaatt tgttgtgant cacttaangg 480

attttaaccc 490

<210> 11800
<211> 264
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-098-Q1-E1-B11

<400> 11800

tgccaaggaa gaantcattg aaaagagctc agattcatcg tcaacctaaa catgtttgtn 60

ctattttatg agcagagtga tgtaaatcat accgtgattt aattacggat tacaacgaag 120

agcttggnca aaatgtttgc acggaagcat tgttaattta ttgtacaagg tgtgatactt 180

acagaaaggc anaacagtgt aacaaatgta gtaagtgcct tgcatttcac ggttttgcaa 240

attgttggag aatantnnna ataa 264

<210> 11801
<211> 422
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-098-Q1-E1-B2

<400> 11801

ttctgtacgt ctctctgggt aagaaagaaa aantgaagga cgaaacggga aaccctctgc 60

atatcaagtc tttgaatcac atctctcttc nctgtcgatc cgtcgaggaa tccattagct 120

tttaccanna cgttttaggg ttcctcccta ttcgcagacc tgactctttt gatttcgatg 180

gcgcgtggtt gtttggacat ggaattggga ttcatcttct tcaatctcct gaacctgaga 240

aattactcaa gaaaacaaga gattaatccc aaggataatc acatttcttt ccantgcgan 300

agcatggaag cagtggataa gaagctcaag gganaaggag atagaagtna tgtgagaaca 360

atgggttgaa gaaaggtggc aaccaaagtt ggancaagct cctccttcan gnancctgga 420

tg 422

<210> 11802
<211> 490
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-098-Q1-E1-B5

<400> 11802

gnnnngnann nttatcnagc cgnncngtac cgatcngaaa ttcncgggnc gacccacgcg 60

tccnctttca tccataaact tctatttttc tcatcgcaaa cttgaaccgt cgtaacccta 120

aatcgccatc ttcatcatcg gcaaatcgaa tctccgatta tatatcaaat agcttaccaa 180

atccgacatg acccaggccc tcgttttcgg aggactataa tgatcggact cttcgtgtcc 240

cgtctcgatt gcatggggtt tgagctatgc cggagcttcg ccgtggagtc cgccgtggcc 300

gtgttactga tgctgtagct cccaatcaag cttccgcaaa cacctacaga aaagaaaccg 360

aagaagagta ncgttaaagc tccaaaancg gttgccggcg gagttacagg agttgcagag 420

angccgagga ctaagattag cggcgangaa attaaaggag gaagataaag agatactcaa 480

ggagattccg 490

<210> 11803
<211> 421
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-098-Q1-E1-B6

<400> 11803

aaaaatagtt gtaaatagag agaaaaataa ggcggggaaa aggatcacga ttcacaaaat 60

tagtggaaaa atcataagtg tttcgtcttc ttcatcggag atctcgtgct ctgaattcga 120

gaattgaggt ttgagatttc tgggtgattt ggtctaggct atataagttt ttagaacaag 180

acggagctga aggaatcatt gtgtttttgg ttgatgagtt tagatttaga ttagtgcctt 240

agtggtttgt ttctatatct tattttgagg agcatatggg aaagagaaac acgtcttggg 300

ctagaaattc naatanaaag gttanatcta aggataaggg ttcagatgag tcanatgagg 360

attangtgat ttccgacgag gatnaanaat ntccgaaggc tgatttcaag ggngganttt 420

c 421

<210> 11804
<211> 487
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-098-Q1-E1-B8

<400> 11804

gggnggngca tttcnagccg ntccgtaccg aacacaaatt cncnggtcga cccacgcgtc 60

cngtgctgga ggactgagtt tgctgcaatt ctgcaacctg aatagcttca ggacattatt 120

catactgggc ttctcaatct tcctaggcct atcaattcca caatatttca acgagcacac 180

agccatcaaa ggctatggtc cagttcatac cggggcaaga tggttcaacg acatggtcaa 240

tgtgcccttc tcgtccaagg cctttgtggg aggatgtgtg gcttacttgt tggacacgac 300

gcttcacaag aaagatggtt cgatcaggaa agaccgaggt aaacactggt gggacaaatt 360

ctgggacttt caagaacgac ccganaacag aagagttcta tgctcctccg ttcaacctca 420

acaaatattc ccttcgtcga aaaaaaatcc ntccaaactt taaggnaatg cggttttngc 480

nantttt 487

<210> 11805
<211> 402
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-098-Q1-E1-B9

<400> 11805

atcgagttaa gtggaagcga tggatactgc cagagcatgg ctgaagaaat taaagtctaa 60

agggaaagag aaatcttcga ataagaagga aacttctaga ggaaatgtta aggagggatc 120

aaaaacagct ggaggtgaag aagctgtgtc taatgtgaca aagcagaagg ctgctgctgc 180

gaaacagtat attgaaaatc attacaaaaa acaagttcaa agtcagcagc aaagaaaaga 240

gcggcgtgat atgctggaaa ataagttagc tgctgcagaa gtctctgagg aagagcaaaa 300

gaatctgctt aaggatttaa gagaaagaan gaaactgaat acatgcgccg tcagagacat 360

aaaatgggga actgatgact ttcaagccat tgacaatgat ag 402

<210> 11806
<211> 408
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-098-Q1-E1-C1

<400> 11806

tgacagcaaa tagttttggc gtctttctaa ctcaacccat catctctgtt gcattttatc 60

gagagaatat ttgaggtgga tatggcctcg acccttttct ccagaacttt cttggctgct 120

agtcaccgac tgattactcc ttctcttccg caaaagatct ttaatccagc cacctttctc 180

agtaggtcac tccactctca gttaggctcc gcttctacag cctataaatc aactacttgg 240

gctcgtcgag ctatggcttc tacgggagtt gagacaaaag ccggttactc cacatcatcn 300

gtatcaacca ntgaacctgt tgtttccgtn gattgggttn aggcaaacct taaaaaacct 360

gatttgaaat tttggatgct caagggnaaa gcccgatnaa caaaaaaa 408

<210> 11807
<211> 414
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-098-Q1-E1-C10

<400> 11807

cttcttgaga gagctgcgga agtagtggtg gttcctcgag tcatgcatgg gaattctaat 60

gatggtctct ggagagcgtc atttgatgaa ttcttcaacc ttcttaccaa atactgcaga 120

agcaagtatg acacaatccg tggacagaac caagggagtg cagcggatgt tttggagctg 180

gcgataaaga gggaaatgcc cgctgagctt ttacgtgcga gtctgcgtca caccaatgac 240

gaccagagga actatttatt aaactttggt cgtaaaccat cagcaattag tgagtcggca 300

tctcatgcaa ggggtggaca gatcaactct gaatctgtga ggggttaata aaaaagaaag 360

agaaaccatg tgcttggaag attccaattc ctggnttcat ggctgtggtg ntgg 414

<210> 11808
<211> 411
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-098-Q1-E1-C12

<400> 11808

acttcctctt tctctctcac acacatatac acattctcta tatatataga agagaaccaa 60

aaagtaggag aagaagaagc taaaacatat aagaatggtt tcgagagaac acaagagagg 120

ttcctctctg cgtgagaagt ttcatttgct tcgttcaatc actgattctc atgctgagag 180

cgaaacatct atcatagtgg atgcatcaaa atatatcaaa aagcttaagc agaaggtaga 240

aaaaatcaac aatgcgacca cgtctgagca atctttccgt gaatcttccg atccaaatcc 300

tatggttaca gtggaaaccc tagagaaggg gttcatgata aaggtaatgt caaggaagaa 360

tgaggcaagc atgttggttt gtgttccttg aaancntttg aanaatctng g 411

<210> 11809
<211> 428
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-098-Q1-E1-C2

<400> 11809

gatcngtgga gccgtcaact acgtagctat atcaaatgct cttggagtta caccatcggt 60

tttagctgct ggactggctg ctgataatgt tatatgcgct gtatatttca cgacattgtt 120

tgctttgggc tccaaaatac ctgcagaagc tgtaccgcca ccgactacta ttgtagatgc 180

agagacgaac gaagcttctg aaactaaaaa taaaattcct gtgctactga tagctactgg 240

aattgctgtg tcattagcta tctgcaaggc tggggctttg ctaacaaagt acttcggaat 300

ttcgggtggt agcttaacgg ctataacagc ggttgttgtn aatttagcaa ctgtcttccg 360

tccaattggt cgtccttgct ccaatctgga gaaaccaagg gtccnaattt tgatncaagt 420

gttctcca 428

<210> 11810
<211> 260
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-098-Q1-E1-C3

<400> 11810

aaactttcna cataatatng aaagtcacac attctctcta ttaattaaac atgttgcttg 60

ttgcgtttgt gactcttttg gtagcantag ctttgcagcc actaccgtca gtgttgtctt 120

tggacgttca nncttcttcg gcagctagcc gcaaagcaca atgtgacatc gatacttgtg 180

tttggagant ctagtgtcga ttcanggaac aataatttca ttangnaccg aaatgaaagg 240

gaantttcca ccttanggtg 260

<210> 11811

<211> 391
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-098-Q1-E1-C6

<400> 11811

tcagcacatg atcctcgtct ctctttcttt ctctctctca atcacaagtt tcagttacac 60

agctgaaccc aaagtatctc acattctgat ctaatcagaa cactgttttg tctgtgtaac 120

ataaacaaac gatcctgttt ttatggaaaa tttaatgaaa cagtgacgat tcttctacac 180

ttctttataa tgacaaacat ttcatagtac caaaatacac aaataccttt tctttatnct 240

tctcancctt ctctgtttct ttatcattca tggntccaaa ttcagtagca ntgacaatgg 300

ganaanccag acaacttccc tttactagag atnaacggnt caaattcatn ctcaatcccc 360

gaaaaacgtt aatccaaaca ntccaaaaan a 391

<210> 11812
<211> 53
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-098-Q1-E1-C7

<400> 11812

gagaggttcc ctactatgtg gacgtnatcg ttgtaattgc tttancggca aca 53

<210> 11813
<211> 438
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-098-Q1-E1-C8

<400> 11813

aaagggtaaa gcagcaaaac cctaataaaa tcacaacaaa ttaacacaaa aaaaccagat 60

cttaaaactc tctctaccca ccaagaggat caaccagtct cttccccttc anattctcct 120

ttcnacagtg aatggatcaa cacgaccatg gacagtctgg agctatgaac tatggcacaa 180

acncatacca tnccaacccg atgagcanca ctgcngctac tgtagcagga ggtgcggcac 240

aaccaggcca gctggcgttc caccagatcc atcagcagca gcagcagcaa cagctgggca 300

cagcaacttc angcattttg ggagaaccaa ttcaaaagag attganaaga ctaccggatt 360

taaggaacca cagcctttcn ccttgcgaaa atcnaggagn atccatggaa ngcgggnttn 420

aanaatttcc gnttnatt 438

<210> 11814
<211> 435
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-098-Q1-E1-C9

<400> 11814

ganttaccag ctgcagagat caaaaacttc gtgattcatt cgaacaatct aattttacca 60

agctgcagag atcaaaaact tcgtgattca ttcgaacaat ctaattcaga tttattattg 120

ggtctggtta tctttttctt accatatttt ttgtttcctc gttaagacga ttgtttggta 180

atgtcgtcac cagacattgt cggaattttg gaaaacacga aggaacttga tcggttaagg 240

aaagaccaag aagaagtttt ggttgagatc aataagatgc ataaaaagct tcaagcttct 300

cctgagataa ttgagaagcc tggtggataa ttcatagcaa aagcctaaag aaattgtaca 360

ntcaaagccg aaaagagctc tcanaaaaat gaaagntaac cgtatcgaac attttggcta 420

cncaattngg gtttg 435

<210> 11815
<211> 311
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-098-Q1-E1-A9

<400> 11815

atttncgncg gttnggaaac nanattcctn gtnaattann acggtnacgg ncnaaccacn 60

gttacacaan tgcatcattc tccgggattt ggccatgttt caagaaactg cagactccca 120

ttttcgccgg gacaccaatg cagaaagtgt ttgaactctg gcatcactta ccttcgtaat 180

ctcataggtg caagagacta ataacattac tctgtgtact tgtcgtgatg cgacttatgc 240

tacattagca agccgaatag acgatacatc agctcttgaa ctccttaatt gtttcnttca 300

agtgacagag c 311

<210> 11816
<211> 314
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-097-Q1-E1-G8

<400> 11816

ttcttattct cctgtcttgt ctaaagaaaa aagagagagg aagaaatgga gactttgagg 60

aaagcctgat tggtgtatac agaaacatct attgaagact tgatgatcct gatggttcat 120

tgaagatttg ccttgtgaac gctttgctcc gganctggct ctaaacctta accattccna 180

actggactan tcactgtctg tcaatcnatn caaaatctna atggacagac acacacacac 240

acacactact agtgannnca acggaaaaaa aagtgagaca aatcaaggnt aaaganatgg 300

aatnacaaaa tcaa 314

<210> 11817
<211> 403
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-097-Q1-E1-H1

<400> 11817

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tcaacttttt taggtgtata tagatgaatc tagaaatagt tatagtggaa attaattgaa 120

gagagagaga tattactaca ccaatctttt caagaggtcc taacgaatta cccacaatca 180

aggaaaccct tattgaaatt caattcattt ctttctttct gtgtttgtga ttttcccggg 240

aaatattttt gggatatgtc tctctgtttt tgctttcctt tttcatagga gtcatgtgtt 300

cttcttgtcn tcctagcttc ttctaataaa gtccttctct tgtgaaaatc cccnaaattt 360

caatttgtcc antggagnat ctatagatca caccagagaa aat 403

<210> 11818
<211> 202
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-097-Q1-E1-H10

<400> 11818

tttgttcttg tcttctttac aagagaagag acaaatgtct cttactctgt ttttcttctt 60

tctctcgata atccaacatg gtatcagagc caatggttgt ctttggttgt ctctacaaaa 120

ataagatgag ttccgctgcg aaaagaaaaa gagagattta gacaacaaat ctatggtgag 180

aagaagagga agaagaagaa ga 202

<210> 11819
<211> 256
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-097-Q1-E1-H12

<400> 11819

atttgntacc cngcaggtac aagtcctccc gnccncgact canacgtcng tanggatata 60

gaaaatggca gatggtgaag acattcagcc tctcgtctgt gacaatggaa ccggaatggt 120

taaggctgga tttgctggag atgatgcacc aagagctgta ttccctaaca tcgttggtcg 180

tcctcgacac acaggtgtca tggttggtat gggacaaaaa gatgcttacg ttggtgatga 240

ggctcagtct aagagt 256

<210> 11820
<211> 419
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-097-Q1-E1-H3

<400> 11820

tctttgggaa ccctaatcaa cttgtgtttt atgttgacga tacaccgatc agggtgtaca 60

gcaagaatcc agatgtttac tacccatcgg tgcagacaat gttcctaatg ggaagtgtgc 120

aaaacggatc gataattgac ccgaagcaga tgccttacat tgctaagttc caggcatcaa 180

agattgaagg gtgtaagact gagttcatgg gaatagataa atgcactgat cctaagttct 240

ggtggaatcg caaacagcta agctctaaag agaagacact gtacctaaac gcaaggaaga 300

cgtacctgga ttatgactat tgttctgaca gacagcgata tccaaaggtg cctcaanaat 360

gtggaagtta cacntagaga aaagtnaata cctgtcacan ggttaancct acaaaaaat 419

<210> 11821
<211> 377
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-097-Q1-E1-H4

<400> 11821

cancgaagac cggcncactc agcantgngt ctaccagtnt aaatcgtaat atggtgtnag 60

ntggngnctg gaaatntggg cccaagacgt ntgacacatc tcctgtgatg caattctcgc 120

aggataagtc ctggcgtgtg cgttatatgg ttgcaaatca gctctatgaa ctttgtgaag 180

ctgtaggacc ggagccaact angacggatc tggtgcctgc atatgctcgt ctactttgtg 240

ataatgaggc agaagtcggt agaactgctg gaaaagttac aattttgtcc attaaacctg 300

aactcgcatc aacaaatctc ccgtgtaagg attacacann tctccacact cagtntgatg 360

gatcantata atggaag 377

<210> 11822
<211> 390
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-097-Q1-E1-H5

<400> 11822

attttgaaac cctaatttct cttcttttcc ccaaaaaaaa atgtctgaag ttgagtaccg 60

gtgctttgtc ggcggcttgc ctgggccacc aatgatgaag tcttcaaagg acgttctcac 120

agttcggcga cgttatcgat tctaagatat taacgaccgc gagagtggaa gatcaanggg 180

attcggattc gtcaccttca aggacgagaa agccatgagn ggatgcattg anaagatnaa 240

cgtaagaacc tcaanggnnt tgtcatcacc ttnaacaagg nnantcgana ggtancggcg 300

gtggcngagg agncntggtg gaaccggtgg tggttaccca ccngaggcgg tgggggaact 360

caagaancgg tggcggngnt acccaanaag 390

<210> 11823
<211> 385
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-097-Q1-E1-H7

<400> 11823

gaattgttgc gcgacaatgg agaaatacaa cagtttatca gattttctca aggagttcta 60

catccctacg tacgtcctct cggcggaaac agaagaggag gaggaggagg agatcgtcct 120

acacctgcga gccccgtcct tgtcttcatc aactccaaaa gcggtggcag ttgggtggcg 180

aactcattct cacctaccga tctcttctca atcacaatca ggtctttgat ctcgaccaga 240

gactccaata aaagtgtccg ccagaatcta cttaactgag aggtcaagat atgattcgnc 300

ncagatcgga gaattaaatc attgtnagna gtntggactg tggtggtcct tgagttnatn 360

gactaattgc aaatcncccc aatna 385

<210> 11824
<211> 362
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-097-Q1-E1-H8

<400> 11824

gcagaaagtc tccantgnga aacatttgaa atttctgagg atgcgaattt cactgaggan 60

aaaatcttac tgcaggtgct gtgcaacgtt gaccataggc ttggtactgg aggaggagcc 120

cagcaaatca aggatcatcc ttggttcaag gatgttgtgt gggaaaactc tatgaaatgg 180

agntgcgtac aaancagaan tgaacgacga gctaganaca caaaatttta tgaantttgt 240

gaaatgaatc tcctgcactg aaagactaat cagaccccca ggaaatcctc tgctccaaga 300

ttaantttgt tggnacaatc aaaacttgcn ctgtaaagat ngncatcctg aatgcagaca 360

nt 362

<210> 11825
<211> 190
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-097-Q1-E1-H9

<400> 11825

gatttgggtg atgtctttca tcatagcagg agctatttta ggaggaataa tccctggagt 60

tactacaaca aagacagcga tcgcgtgtcc tctctattgc ttacaagtag agtacatgac 120

atgtccttcc tccggcgctg acaagcttcc tccaagatgc aactgttgtc ttgctcccaa 180

aaattgtact 190

<210> 11826
<211> 76
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-098-Q1-E1-A1

<400> 11826

agtatganag tgngattcaa gagtttgatc cttacatcaa ttataagagt cactcaagtt 60

cntatcgaag actgga 76

<210> 11827
<211> 406
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-098-Q1-E1-A10

<400> 11827

aacatacata aaaaatgggt gaatctttta gattattcaa tcatcatcac ttcctcacaa 60

cttttctcat aatcatagcc atgctcaaat tggttcatac aacaacaaca acaactacaa 120

caacaacaac aaacaccgag ttcgtaaaat catcatgcac tttcacaacg tacccaagac 180

tctgtttctc ttcactctca actcatgcta gtctcatcca aacaagcccc aagctcatgg 240

ctcatgcggc tctcaacatc acattagcct cggctaaagt aacttcagca atgatggtgc 300

gtctctcgaa tagtcggctc aagcctaaag aagtctcggc catgagagac tgcgtcgagg 360

agttaggtga cacgttggag ggagcttang aaatcgattt ggtgag 406

<210> 11828
<211> 290
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-098-Q1-E1-A11

<400> 11828

ctaagatttg ctgcttaagc tggtaagaat gtntgggtca caaatttact cgtcgctttc 60

cgctccctca tctgttggtg tagatattga agctgancaa aggatggagc ggtacagttg 120

ttgctttgtc nagttcgaga aaatcaaggc ttgccttccc tctttagcaa gaagaggaaa 180

tttggtggcc aanactctcc atgaacncaa cttnacattt naagaaattt caacgtgata 240

ccttttggan gtggaattgg gntcaangtg gagtttaaaa gtacnaaaag 290

<210> 11829
<211> 472
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-098-Q1-E1-A3

<400> 11829

gncggtncag acnnnaattn gtcggtcgac gcatccgngg aagcgtgggt tagtcaccan 60

aanacttata aactccacan anagtttcaa tggccgcctc cacantggct ctctcctccc 120

ctgccttcgc cggaaaggct gtgaaccttt cccccgcggc atctgaagtc ctcggaagcg 180

gccgtgtgac aatgacgaag actgttgcca agccaaaggg tccatcangc agcccatggt 240

acggatnnna ccgagtcaag tacttgggtc cattctctgg cnagtcaccg anctaccttа 300

ccggaaagtt ccccggagac tanggatggg acaccgctgg actttcagct gattccgaga 360

cattcgcaag gaaccgtnaa gctaaaaagt tttccacanc aaggtggggc tattgctccg 420

gagccctaag ggtgcgtcct nccctgagct tttggctaag aacggggtca nt 472

<210> 11830
<211> 501
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-098-Q1-E1-A5

<400> 11830

nnnnnnnnna atgttacgcc gccnggcnnc ggtcnaaaca naaatgggcc cggccgaccc 60

acgcgtccng tctctttctc cgtcgccacc gttcctaaaa cgtctcccgt cttcttctaa 120

tggcgatcaa tcgtagctcc gatcatgaat ccgacgaaaa cacccgtctt taccatcctt 180

accaagaact accaggtccc gatnaaatct cagtatctat acaagcttcc gacttctccg 240

gaatttctat tcacggaaga gtctctcaag cagcgtcgat catggggaga aaatctcact 300

ttctacacag ggacggggtt atctaaccgg ctctgtaacc ggtgcttcaa ctggggatct 360

cctccggtat caaagagttt ccaaaatgga gacacgacga anctgaaaat caacaaggat 420

tttgaattcg tccgggcaag gcangtccta acttgggtaa taaggtttgg aatggttggt 480

ttatnaacnc agggaattga a 501

<210> 11831
<211> 421
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-098-Q1-E1-A6

<400> 11831

ttttcctcat atccctttt tctcaatata aatactctgc aaaaaaacac ccacaaatcc 60

tcacacaaaa acgttttcga aatccctaat ctactctctc ttctctatat ctctactctt 120

gagaaatggc tcttagaact gtgctcgtct ccgacgtccc tagcctcccg gattctgtct 180

acggtttatc cgaaggttta gagttgagca aaccgacgtc gtttaggtta ccggggtttt 240

cggtgattgg acatagagga atcggtatga atgtgttgca atcgtctgat cggagagcga 300

gaggtgttaa agaaaactcg attctttcat tcaattccgc cgctaagtat ccgattgaat 360

tcaatgagtt ccatgttcaa ggtgacaaaa ngatgatggc ccggcaattt tcaagaagga 420

t 421

<210> 11832
<211> 433
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-097-Q1-E1-G7

<400> 11832

attctccacg tagaatcaag agtacttctt ttccttaaat ctctacaaaa aaaaaatcga 60

tctatatact aagagatcat aaatatagat tcatagacct atttaagaaa cgacttaaga 120

agctgttgga tcatatacca tataaaatag caatggatat gataacgaag atggtgatgg 180

agagaccggt ggtgatttac agcaagagct cttgctgtat gtctcacacg atcaagactt 240

tgctctgcga tttcggagca aatccagcgg tttacgagct ggatgaagat atctagaagg 300

aagggagatn gagcaggcgt ttgttnccgg ctcggggtgt agcccccgcc agttccgggg 360

cgtttttcaa tgggtggaag agttggtccg gtgggagncc aacgaaggtc atggagtcca 420

acatncttaa cgg 433

<210> 11833
<211> 414
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-098-Q1-E1-A8

<400> 11833

tgatcaaaca agtaaaccat tcaaaagatg aaaggaagaa ttttgatttt gagtttgctc 60

ataatgagtc tggtcatggc acaagttcaa gtagaagcaa agatctgctg cccttccaac 120

caagctagaa atggctatag tgtatgccgt ataaggtttt ccaagggaag gtgtatgcaa 180

gtgagtggat gccaaaactc tgatacatgc cctcgaggtt gggtaaacgc cattctcgaa 240

aactcagctg atgctaccaa tgagcactgc aagttagggt gtgaaacttc tgtgtgtggt 300

gccatgaaca ctctccagaa ctctgatgca agtgaaattg tgaatggagc gtcggnacaa 360

tgtgccaagg gatgttcnan tttcngncca agaactatgt tatcccanct gggg 414

<210> 11834
<211> 422
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-097-Q1-E1-D6

<400> 11834

gaaaaaatat gtattgtaga gagtccttgt cgagtctcca gactttgaac gtagcaaaga 60

gtctcagctc tttgttccct aaacaatcag ctctcatcaa cccgatctcc gctggacgtc 120

gaaacaacct gcctcgtcca aacctcagaa gacgatgtaa ggtcaccgct tcacgggcta 180

atattgaaca agaaggtaac acagtgaaag aacccattca gaatattaaa gtaaagggat 240

acataacggc ccaagaagag tttctggagg gcataacttg gtcgagaggt ctcgatgaca 300

ttgctgatat ccgcggcaga tcattgctcg tcgaagctta ttagcgccaa gactgaccaa 360

cggattacgg tagaagacta cgcacaacgt gtatgggccg aagcccctga tgaaaaagta 420

cg 422

<210> 11835
<211> 71
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-097-Q1-E1-E1

<400> 11835

nccgggtttc ctnaaaatcc cggtttttaa atttgggtcc ctaaacaaac cggttccana 60

aattttaata a 71

<210> 11836
<211> 165
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-097-Q1-E1-E11

<400> 11836

gatcgtcaga ttcttttggg tgtcttcgtt gctttcgtcg ccgttggtgc tggtgctgct 60

tattttctta catcctccaa gaaacgcaga gtgtgtttgg atccagagaa tttcaaggag 120

ttcaagcttg ttaagagaca tcagcttagt cacaatgtgg ccaag 165

<210> 11837
<211> 407
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-097-Q1-E1-E3

<400> 11837

tgttcccann gacggaagat ccggtcacca gcncgccagc tcgctcatct tggactnaaa 60

gtagatnatg ccnttactaa gntggtgctg cnccgtgacg ngccacgttc ataacgtcca 120

catctcccga cgctcccctc gaacattaca gagacctgac atgataactc cagtgtggtt 180

ctcagggaca gccgttagac ccgagtaaga tccaagacca ctttgaggat ttctacgaag 240

atattttcga agaactcaac aagtttggtg aagtggagag tctcaatgtt tgtgacaatc 300

ttgctgatca tatgattggg aatgtgtatg ttctgttaag gaggaggtca cgcactgctg 360

cgttgcangc ttgcanggaa anttaatccg ncnnccanca ttgctga 407

<210> 11838
<211> 436
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-097-Q1-E1-E5

<400> 11838

tttcaagtgg gggctaaacg gtgcagcggc tgcatttgat gtctcggctt ggggaatcgc 60

gatcgcgcag gttgtttatg ttgtagggtg gtgtaaagac ggttggaaag ggctgtcttg 120

gttagcgttt caagacgttt ggccgttttt gaaactgtcg tttgcgtctg cggttatgct 180

ttgtctagag atttggtact tcatgacgat cattgtctta actggacatc ttgaaagacc 240

ctgtcataac ccgttggatn tcctctcaat ctgtatgaac attaatggaa tgggaaagga 300

atgttgntca aaaggaatca atncagccat aagtgttaan gggtgtcnaa atgannctaa 360

ggatngggga catccaccga anctgcgaaa ataactcccg ttnatncgtt aacggnggaa 420

aaaantcccc ncccnc 436

<210> 11839
<211> 449
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-097-Q1-E1-E7

<400> 11839

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gtgcggttag agntcacgaa acataaactt cattctctag ctcttgattg ctcttaaagg 120

tgcatgttga agtgattgaa agcgatttac atgtgacttg cagctcggtc aagacattat 180

acattacact caacacgaag attgggaaag ggatgcttga gaatccaaag ttcgattttg 240

cacgctgttg gcaatcacaa caaacgacaa caattactaa tgccttcaac caaagacttt 300

tatcaaaagc tccggggaag aaaggacaaa catgtccggt tgacagtaat gcaagacaaa 360

gtaatgctgg aagggtcngt gtcaaatgtc tgtcgataac agtaaccgtt gggttcnaan 420

tgatgcncct aattggccaa tcctggntt 449

<210> 11840
<211> 329
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-097-Q1-E1-E8

<400> 11840

ttttagggct ttttgcttat catcgtcgtc tcagatcctg ctaaaaggaa aaatcttttg 60

ttctagattt cttcactctc gtcttttgat ctcttgggtt tttccctgtt ggtgtcacca 120

tcgttctcgt ttctcgatcg atcgttgagt caccggcgtt aagcccgact tgagtcctag 180

ataatttaag attagntgta aaattgattt ggtgggttgg ttntgatttg accaaactgt 240

ggggttgata aatggattga aatacaagan aaatatncct taatcgccaa ctcaacatga 300

ggttgcggaa acacgatgcc ccgaangaa 329

<210> 11841
<211> 373
<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-097-Q1-E1-F1

<400> 11841

aatttgatgc atcccttaag aaggttgttg agatgggntt gatcccacca ccactaaatt 60

gtttagnttg cggatgctta ccaaatgagc gagaaaacga ttgaagaaaa antgtagtct 120

tanaatttan gtttactgtg gtgatgtatg ggaaatttca agaagactcc ttctntttga 180

aagtcccaag aagaaatatt gaagtcggtg aacgttctaa cctagntata cagactgatt 240

ctntatggta acgtatcctc ctgcattgat atctgtagan ctgtaaaaag aanatgattt 300

ctgggaagaa atgaatggca cgaaacgctt ggtttgcacc tcaagtgttt ggtacagcat 360

ggagaaaagn ata 373

<210> 11842
<211> 202
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-097-Q1-E1-F11

<400> 11842

tcaaacagtg gcttaaaccc aaaaaaggaa catggatgtt agtatgagtt tttcacaaga 60

tatggataat gagtatgaga agctgataag aagaatgaat ccaccaaggg ttgtgattga 120

taatgactct tgcaagaagg caactgtgat aagggtggat agtgcaaatg aatatgggat 180

tcttcttgaa gttgtacaaa tc 202

<210> 11843
<211> 202
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-097-Q1-E1-F12

<400> 11843

agaagaaaat aagaaaaaac aaaagatgaa aaccattatc ctttttgtaa catttcttgc 60

tctttcttct tcatctctag ccgatgagac agagactgaa tttcattaca aacccggtga 120

gatagccgat ccctcgaaat ggagcagtat caaggctgaa tggaaaattt gcgggacagg 180

gaagaggcaa tcgccaatca ac 202

<210> 11844
<211> 349
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-097-Q1-E1-F3

<400> 11844

ttatcccant accgnaaaga tccggtcgac cagctcagcg cacttctccg gctcgcaagg 60

tcctcaccac cggcggcgaa gtcccgtatc agagcctcca cgagcgacac acacccagct 120

tagaagtcaa ggaacagagc agcacccaca tgaggaggac tcatttcacg ctgcactgca 180

gcggttgtct tggtaagnag catggtgaga aaaagccaac gaggaanagg ggcaaaaaat 240

accaaattnt aatncacgca aattncnnat gtnaaaccca ctctnancac ccctcattcn 300

naattccata ttgcgtacta attgtacatt acaaacctta ctcaaaaac 349

<210> 11845
<211> 438
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-097-Q1-E1-F4

<400> 11845

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ttttccctct ccaattcaat catctgggat cgaaatctcg gaagatgaaa cgcgattcga 120

cgaaatctcc gaggaagagt ggctcaacac tcgttaacgc tcgcgagtct taaacgacca 180

cggactccga agaagactcg cgcggcgacg aatccaacgc cgtcgattga gtcttttgcg 240

tttaggagac cttcgacggc gatgacgatt gagagtaata gcagcgatgg tgattgtgtt 300

gagattgang atttgggaga ttccgattcg gatgtgaaga ttgtgaatgg tgangatttg 360

ttgttagagg atgaanaaga agtgggagag actaanggtg tgatgcncgc tgcnanagtt 420

ggtaggagaa ttgtgatg 438

<210> 11846
<211> 504
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-097-Q1-E1-F7

<400> 11846

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gggggtcccg naacccccaa accgnccgnt ccnccggggc gnaagaaagn caaatggtgn 120

tttggcccct aaaaccttta cctggaacct ttaattccaa ancctttttgg attccgaaat 180

ggggggtaaa cctccgaaaa agggggggggg gggttttggt aataaaaaag aaagggcaaa 240

atggggagga ataatttaag ggggaagttt aaagaaagcc gccggggatt aaagagctga 300

tgttgttttg tacagtgcat tgattgatgc attgtgcaag aatgggttgg tgggttctgc 360

tgtttcttga tcatagatac aaaggaggat anctatttga actatatcat atcagcttgn 420

ctctnacatg ncatacntaa catggtgtct ctcctctcgn ctatntnctn aaagggacgt 480

ataatatgca tacactnata caca 504

<210> 11847
<211> 328
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-097-Q1-E1-G1

<400> 11847

aatncccggg ccaaccaagn ctcccnaaag aanccaaaca ccgggggann aaaaaatata 60

gactttagat angtgtanta aataacatag tgtaacttat ttcagtattc atacacagat 120

gctgtgaatg gtcattcctg cctttggctt tgggatcaat ccgatactgg acacaattcc 180

ctgactttat gaaggaatac tggcatatgg agggtcacat gaaaggnnac aggagaattg 240

gaatggagag ttcctgaata gtctgangta ggatcagaaa ttacactacg tagtgtcatc 300

catnactana ctgngtntcc acaggggg 328

<210> 11848
<211> 177

<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-097-Q1-E1-G10

<400> 11848

attatcatag aattacaaga tgtgttccag agattcatgt ttgatacttc ttcaattttg 60

atgactggtt acgatccaat gtcactatcc atcgaaatgc tggaagttga gttcggtgaa 120

gctgcggata ttggcgaaga agcaatctat tatagacatt tcaaaccggt gatcttg 177

<210> 11849
<211> 168
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-097-Q1-E1-G11

<400> 11849

taaatgcnan ctctcaattc tgtggtgtag cananatggt tggacctgtt gattttgata 60

agagcgttga ttactggcaa caagatanat ggagtggnca gttcccagtg aagtggcaca 120

ttatcaaaga tgttccaaac agccagttcc gccacattat attggaac 168

<210> 11850
<211> 193
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-097-Q1-E1-G12

<400> 11850

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ttaagagaag ccatggatac cgagtttctc cgaaccctag atcgtcagat tcttttgggt 120

gtcttcgttg ctttcgtcgc cgttggtgct ggtgctgctt attttcttac atcctccaag 180

aaacgcagag tgt 193

<210> 11851
<211> 473
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-097-Q1-E1-G2

<400> 11851

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cttcctcaat gggctgttgt tggtgacaca ttccctgttg gatgtgcatt tgatgaatct 120

aacgtacatc acaagtactt tgtggaaaac ccagattttc acaacgaaac ctacaacact 180

aaaaatggga tttactctga agggtgtgga ttaaacaatg tcatgatgtc ttggggccat 240

gacgactaca tgtacctggt ggctaaagaa aacggaagta ccttgccgtc ggctgggaca 300

gtttatcata agataccatt ccttttaccc tttgcacacg gctggagaat acacccatct 360

tatgaacgaa ggaagacaag gagaatctga agtggctaca cgttttcaac aagtacgact 420

tgtacagtaa gagcaaagtt cacgttgatg ttggagaagg tcaagccnta cta 473

<210> 11852
<211> 421
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-097-Q1-E1-G6

<400> 11852

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gtttcccagt gttagctact gcgacgacca aacgatcctg tatgaatcgt ttgacgagcc 120

ttttgatggt cgctgggtcg tttcagagaa agctgaatac caaggtgtgt ggaagcacga 180

gaagagtgaa gggcatgatg attatggact tctagtgagt gagaaagcta agaagtacgg 240

aatagttaaa gagcttgatg ttgatgagcc tctaaacctt aacgaaagga actgttgttc 300

ttcaatacga aggctcgttt ccaagaaggg cttantgtgg tggtgcttac tttaaaagta 360

atcttccgtc ctcaanaanc ctggaatggt tcctcaaagg gttttgataa tgantcnccc 420

t 421

<210> 11853
<211> 345
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-097-Q1-E1-D4

<400> 11853

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cagctgttta cgaagttaca ctgaagtggg caagtgtgcg ttaagaagaa gacctatatt 120

tcaagctatt caactgttta caagttacgc tgaaatcaca agctgagcaa gtgtgtatta 180

actctcttat tatttttcct aggattaagt ttgtaattat gcttgatatt atcatcataa 240

cacaaaaatt caatggtaaa taatatatta ttctgaggtt gaaaaaaaaa aaaannangn 300

nagnnnnngg gannnnngnn aaaaaaaaaa agggnggccg ctcta 345

<210> 11854
<211> 179
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-095-Q1-E1-B1

<400> 11854

tcaaaaaact caaaataaac tttcctcatt ttttttttc tttcttttgt tttgttttct 60

ttataaagga gaaagaaaga gaaagagagt ttccgaaagc tgaattgagt tgggtgaagc 120

aaattctcag gatgggaaga ggaaagatag aaataaagag gatagagaac tcaacaaaa 179

<210> 11855
<211> 222
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-095-Q1-E1-B3

<400> 11855

aatttctaat caccgaccaa aattgatcgg aaacctagag ctcttcgtat tgctccgcca 60

ccatgcatat ccggcgccag atcttcgtta aatctcctga ctgtcaaaaa gtcgtcgctc 120

tgcaattgga tcctgcgcaa tctctattaa ctctttcggg tatcacttcc ttactcgaat 180

cgtcgcagcg tatatcgttt tcggcttgct cgattactct at 222

<210> 11856
<211> 219

<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-095-Q1-E1-B4

<400> 11856

aagaagagaa gaaagatggg agcaaagggt tgtgttaacg ttctcctcaa gcttctagtg 60

tttcaaggtc ttttcgtttc acgtcctcaa gaagactttg atttcttcta cttcgttctt 120

cagtggcctg gagcctattg cgatacatcg cgtgcttgtt gctatccaac atccggtaaa 180

cccgctgcag attttggtat ccacggtcta tggcctaac 219

<210> 11857
<211> 222
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-095-Q1-E1-B5

<400> 11857

gcagaagctc cttcattctc caccatgagc tcgttttacc tttcttcttc tccaattttc 60

aaacttcagt ggcacgcaaa ccataaacct aaacccaatc gtgcaatagt ttcttttcca 120

ccttctcgtc ttcatgccaa ctgctattcg tggagattat cttgtaacct tgctcaacat 180

ggtattgagt tggaggaaac tgtggaggaa gatgaaatcc tg 222

<210> 11858
<211> 215
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-095-Q1-E1-B8

<400> 11858

ctttatacgt ataataacat cccttgtgat caaacaagta aaccattcaa aagatgaaag 60

gaagaatttt gattttgagt ttgctcataa tgagtctggt catggcacaa gttcaagtag 120

aagcaaagat ctgctgccct tccaaccaag ctagaaatgg ctatagtgta tgccgtataa 180

ggttttccaa gggaaggtgt atgcaagtga gtgga 215

<210> 11859
<211> 200

<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-095-Q1-E1-C10

<400> 11859

aagttttcca tatactaatg gggaggtttc ataaatttcc tctcctaggt ttagttctgt 60

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tacactttac tcgtgccaat ttccctaaag gtttcatttt tggtaccgca actgctgctt 180

ttcaggttga aggagctgtc 200

<210> 11860
<211> 204
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-095-Q1-E1-C11

<400> 11860

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tcgttagtcc atggaggagg agagtctgga acaccttcta atgcagccgc taccccgact 120

agcccaaccg aaggatccag tggttcaagt ggttcagctc atggacctaa ttggggatat 180

agttggggat ggggttcagc cccg 204

<210> 11861
<211> 193
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-095-Q1-E1-C2

<400> 11861

tcataagagg tgaagaaggc taactaaacc atgagcagta agaaaacttg tgtttcagtc 60

aaacatcttc cgtctgtttc tgatctaaaa aacaaaaaaa aagctagaaa agctttgtta 120

gggttttaac tttattaact ctcgtgttta atataatttt acagatttaa taaaaaaaaa 180

aaaaaaaaaa aag 193

<210> 11862

<211> 224
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-095-Q1-E1-C4

<400> 11862

ctttgcattt gcgctcaaga gttgtagatt ttgattttgg aaacgttgtt tcttactaaa 60

catgtctctc ttcttattaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 120

aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 180

aaaaaaaaaa aaaaaaaaaa aanggggggg cnncccaaan gnnt 224

<210> 11863
<211> 211
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-095-Q1-E1-C6

<400> 11863

atgcagaaat caggaggttc tgtctgcgtc tgtaaggctt cttccggttg ggcgacaaac 60

cacaggattc ggagctgcga agaaagtctt atatagattc gagggacata gattgtcatc 120

atcagtagaa aagggagaga aacagagaat gagatgtaga gttagctcaa actctactga 180

aactgaagac gattctgcta caaaaaccaa g 211

<210> 11864
<211> 221
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-095-Q1-E1-C7

<400> 11864

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cctcttcttc ctctgatgat aagaaagtcn aagactttgn gaatctaaag ctgaaaaatt 120

ttgtttttt tcattgaggg aatcgaatcg agttatgtac aaggatcgga gtggaggagg 180

aanaatgggt ggtggnggat catcgagatc gganatcctt g 221

<210> 11865
<211> 201
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-095-Q1-E1-D11

<400> 11865

attacagaca gagaagagag agatcactat ggctgtcgga gatgatgatc tggagaacag 60

aatgtcggcg aaagatcgag gaatcggaag cagaggcggt gatcggaatc gaatcggacc 120

accgcctctg ccggtagcct tgtcgtcgtc tactgaattt ggcgataacg cgttgtcgtc 180

gcggtggacg tcgtggcttg t 201

<210> 11866
<211> 204
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-095-Q1-E1-D6

<400> 11866

aaaaacaaaa aaaaaacaaa aaaaagaaaa agaaaaaaga atctataaat atactgttca 60

attttttta ttttttttt attaatatcc caacggtcgt ggggaagaaa atattctgat 120

tttgtaatgt cacgtttggt gtatgtaata tttttgcttg tagtggtaga aggtagcagg 180

aacactttag aacgaaatac tgaa 204

<210> 11867
<211> 163
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-095-Q1-E1-D7

<400> 11867

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gtntttcgcc ggnaatcang ttcatgtcac ttccggtagt cttccaatcg gaaaaggaag 120

tttattgaac ctcaagagtg aaagacctca gagatttgtt atc 163

<210> 11868
<211> 214
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-095-Q1-E1-D8

<400> 11868

caagaactga gactcgagag aagcctacta tatcgacggt tttggttccg gctagactgg 60

ctcaggtcct gaatctgaat ttaggcgaac cggtccggtc tacggctact ctcaacgatg 120

tgtcgtggag acagaggagc aacaatggtg ggttctcgag ccagatggtc ggtggcgtga 180

gggcggagca gtcagtgcaa gagcctcggt tacc 214

<210> 11869
<211> 201
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-095-Q1-E1-D9

<400> 11869

ataaatagat agtcataact agtgtattac aaaaaaaaaa taaagtaaat aaaagtaatc 60

actagctagt gactaaacta aatcccaatt atgggtcgtg tacattttgg tgtatcagca 120

ttctttgttt tttgtttgtt aggtttatca gctaatgcaa agatcttcaa tattaattct 180

cctccaggtt ctgatatcac t 201

<210> 11870
<211> 217
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-095-Q1-E1-E1

<400> 11870

attggcctct actgagagtg atgaaaggaa tatttgaagg aggacttgag agtgcaaaca 60

gaggggctgt tgatgaagaa gaagaagatg ttgaaggcga ctggggtgag ggacttgaca 120

aattcgatgt tgatggaatg gagaacacag acatcgaagc catattggat ggtgcagaag 180

caggtgaaga agaagacgac gaggaaggtg gatgggg 217

<210> 11871
<211> 54
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-095-Q1-E1-A9

<400> 11871

tttccttctc actgangttc ttcttcttct ttgcaggatc antcggagag ttca 54

<210> 11872
<211> 201
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-095-Q1-E1-E10

<400> 11872

cgctattttt atttttaatt gatacttttt ttttactatc attcccagat naaggtttgt 60

ntcgcgatng aattcatgct tctctgatct gagatcagtt agagacgact gcgtnttcct 120

cctcgaattt gatcatcgga cattctcttt ttgtttcctg ggtttatagt gccgcacgtc 180

aatggcgtga accgcggtca c 201

<210> 11873
<211> 96
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-095-Q1-E1-E12

<400> 11873

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gcaactcgcn gttgttgatg ttgttgtngt taggaa 96

<210> 11874
<211> 203
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-095-Q1-E1-E2

<400> 11874

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cctgtgttcc tgcctccgat ctgggaatct tcatctccga atccaccacc ttctcacgct 120

ccatctccgc ctccctctca tcttcctcca gttcaccctc ctcctttcgc tgttgcaccc 180

cattgaacct caaatcgctg cgt 203

<210> 11875
<211> 192
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-095-Q1-E1-E4

<400> 11875

attagaccaa agtccagaca atggaactca attgtgttca atttcttcga aacaagacga 60

ttcttgtcac cggagctacc ggtttccttg cgaaggtttt tgtggagaaa attctgagag 120

tgcaaccaaa tgtgaagaag ctgtaccttt tggtgagagc atctgacaat gaagctgcca 180

ctaaacgctt ac 192

<210> 11876
<211> 210
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-095-Q1-E1-E8

<400> 11876

tcctaagagt agccgaggca tacagttttc tttctccatt ggagatcata ttatcataga 60

gggaaacaaa aggacgcctc caaggtttgt cggacgcata gctgttataa tgacacaatg 120

cttaaatgga tggtacgttg tgaagacagt ggacaattca gagtctatca agttacaaca 180

ttgctcactt gccaagattt cagacaattc 210

<210> 11877
<211> 207
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-095-Q1-E1-F10

<400> 11877

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gaatctataa atatactgtt caatttttt tatttttttt ttattaatat cccaacggtc 120

gtggggaaga aaatattctg attttgtaat gtcacgtttg gtgtatgtaa tatttttgct 180

tgtagtggta gaaggtagca ggaacac 207

<210> 11878
<211> 187
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-095-Q1-E1-F6

<400> 11878

gattgcgaag aaagattggg agaagctgca tctgcacatt gcttctcata acaacttccc 60

tactgctgct ggcttagcat cttctgctgc tggttttgct tgcttagttt ttgctcttgc 120

caagttgatg aatgtaaatg aagatccaag ccaactttct gctatagcaa ggcaaggttc 180

aggaagt 187

<210> 11879
<211> 180
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-095-Q1-E1-F9

<400> 11879

ccttatcatt atcactacac tctccttctc ttcaattaac ataaccttcg ccgtcgatga 60

agctttccct tcaattccca ctaccttcag cgtcgcaacg aaacaacact acgacgtaaa 120

accaatccac catgaagttt atgacggaga aaggaagata tacgacatca gccaccagta 180

<210> 11880
<211> 224
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-095-Q1-E1-G1

<400> 11880

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ttcctctatt gtctgccatg gcgatttcta ctattctctg agtctgtgat cttaaagatt 120

tgatgagaca gaaacccaga aactgaaaaa caaaaaccca actcgtgata tttcgttccg 180

accaaatctg tctgatttgt gatctgaaca aagtacggta atgg 224

<210> 11881
<211> 185
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-095-Q1-E1-G10

<400> 11881

ttagaagagg tgttgagatt gtaattgcta cacctggtcg tttgattgat atgttggaat 60

gtcaacacac taatttgaag agagtgactt accttgtact ggatgaggct gacagaatgt 120

tagacatggg atttgaaccc caaattagaa agattgtatc tcagatccga cctgatagac 180

aaaca 185

<210> 11882
<211> 135
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-095-Q1-E1-G11

<400> 11882

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aaattactca caacaaggta cttgtcacca tactcacatt atgattcaat aaaaataang 120

gttgagtcta aaaaa 135

<210> 11883
<211> 213
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-095-Q1-E1-G2

<400> 11883

aagaaagaga taagctttca catcaatttt tgaaggcgcg aaatggggaa tacttcatcg 60

atgctgactc agtacgacat cgaagaagtt cagagtcatt gtcatgatct atttgagcag 120

caggagattt tatctctgta tcaacggttt tgccagttag atcgaaacgc aaaaggattt 180

atatctgctg atgagtttct ctctgtgcct gag 213

<210> 11884
<211> 218
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-095-Q1-E1-G4

<400> 11884

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aacagttctg atgaagagtc agagatcagt gagtctgaga tagatgtcta ttatgaaaaa 120

ccttacgaga aactgatgaa tggggattac aaggttaagg tgaaggacac attcaggtgt 180

ccctttgcg ctgggaagaa gaagcagcat tacaagta 218

<210> 11885
<211> 62
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-095-Q1-E1-G5

<400> 11885

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at 62

<210> 11886
<211> 213
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-095-Q1-E1-G6

<400> 11886

aaagtgagta tctctctctg ctctcatgtc gattctggtt tatgtagcaa aatcagtaga 60

ttgggaccca tgacatgatt gtcttgccaa cagttgggat gaatgggtta gtgcggatag 120

attgttgaaa cataccgagg agaatcttgt caaacagaaa gctctagaca aaaagcaagg 180

agttgaaaaa ggtaccaagt ctggccgttc cgc 213

<210> 11887
<211> 200
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-094-Q1-E1-E1

<400> 11887

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ggttggattt ttatttttcc ggtgaggaaa aaatgacgac gagaggaagc agatcggaga 180

aagtcaagag aattttccag 200

<210> 11888
<211> 196
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-094-Q1-E1-E10

<400> 11888

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gaagaggaag ggttcgaagg agcttggttc agagctgttt tagaggaaaa cccagggaac 180

tcatctcgca gaaagc 196

<210> 11889
<211> 187
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-094-Q1-E1-E3

<400> 11889

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gaagagattt gtgaggtaca ctctcggaga aggccttgag aagaaaagcc aggactttgc 120

tgctgaggtt gctgcccaaa ctgcagctaa accgaaagct aaagaagagc caaaagctga 180

agaggct 187

<210> 11890
<211> 196
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-094-Q1-E1-E5

<400> 11890

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gcggagcaga agagtaccaa tatgtggaac tgggaggtga ctgggttcga atcgaagaag 180

tcgccttcta gtgagg 196

<210> 11891
<211> 198
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-094-Q1-E1-E7

<400> 11891

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agagaaaaaa gaaccaaaaa aaaaaaaaaa acagaaaaaa aaaaatgatt ggaaaagttg 120

tggtctcggt ggcctccatc ctcttaatag tcggagttgc cataggagtc gttgccttca 180

taaacaaaaa tggcgatg 198

<210> 11892
<211> 196
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-094-Q1-E1-F10

<400> 11892

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tttcctctcc ttcataacct tgtcaccatc tccgggcaga atcttccggc ggtgggtttg 120

ttcactttcg gagattccaa cttcgacgct ggaaataaaa agttcctcac aagtgctcca 180

cttcctcaaa actttt 196

<210> 11893
<211> 185
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-094-Q1-E1-F12

<400> 11893

aggttctatt gaaccagaaa gagataagtg gagaagcaat agacttcata cttgaccatt 60

accctcctca gactccgtta aattctctct tacaagagca aaatccggga agtcttcctt 120

ttgtccctga acatctccgg cgtgaatccg gcgactttgt ccttgttaat cactctaccg 180

acgtc 185

<210> 11894
<211> 195
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-094-Q1-E1-F6

<400> 11894

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aagtttccaa gtaatcactt tcttgttctt taatactctt tttagtttgt ctagtctctc 120

tgtttatatt gtgaattttt atcttcgtac aacatctgta ttatcatcag acacattgat 180

atgcaaactg gtttg 195

<210> 11895
<211> 196
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-094-Q1-E1-F7

<400> 11895

ggagatattc tctgtcttgc ttcttcttta ccctttttctt gtttccaatc aaatcctcta 60

aagtttcgtt ctttgttcta agttttctga aggagtgata tttgtttgtg gtgtggttag 120

agaaatgaat cggagacagc aagtgaaacg tagagtaggt aaatatgaag ttggaagaac 180

aattggagaa ggaacg 196

<210> 11896
<211> 206
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-094-Q1-E1-F8

<400> 11896

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caactttctg atattgacaa ggagggtatt actaatgatg aaaagtacat gctccggaaa 120

attggcttga aaatgaagcc tttcctttta ctaggtagaa gaggcgtctt tgatggaaca 180

atagagaaca tgcatcttca ctggaa 206

<210> 11897
<211> 200
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-094-Q1-E1-F9

<400> 11897

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cagccaattc ctcagtttat ggcagctcag ccttttccca gtcatatacc cttccctact 120

gaattggcac agtcgtcgta ttatccccgt atgccttaca tgacacctat tccgcatggt 180

ccgcagttct tctaccatta 200

<210> 11898
<211> 199
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-094-Q1-E1-G10

<400> 11898

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tcctaattca tatccatcga atcatcactc tctgtttttc tccaatctca cattcccaat 120

tcaacatgga agtagaaagt tgaagacttt gcgactcaga gccaatttct gggagtcaat 180

ccgatcnggg tttgtgaaa 199

<210> 11899
<211> 196
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-094-Q1-E1-G11

<400> 11899

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atgtctcaat ttgggttgta acgatggagc tcaagaaaga gagactgatt ctcatactat 120

ccaagtcagc tctctcctcc cttcatcatc atcatcttgt gttctttctc ccagagcgtc 180

tactacaaag tcttcc 196

<210> 11900
<211> 200
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-094-Q1-E1-G12

<400> 11900

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cttttgttca tatcttttta cttttcaaac tactaatttt cctttcgctt cttctattaa 120

taacaacact ctctctcnca gacttctttt ctttttttc tacggcgttg attcattcnc 180

aatgacctca gtttctgtgt 200

<210> 11901
<211> 178
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-094-Q1-E1-G5

<400> 11901

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catgagaatc agaaaaggaa gtagagttga ggtatttagc aacaaagagg cgccttat 178

<210> 11902
<211> 188
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-094-Q1-E1-G6

<400> 11902

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aacttttttct ccggagctct gactcttctt ctctccggat ccaaaaatga atcgtctctt 120

ttctctcttc tccatagctc tgatcgcttt cctctgcctc caccatcatg ttctcgcttc 180

ttcctctt 188

<210> 11903
<211> 191
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-094-Q1-E1-G7

<400> 11903

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aacggaacag aagaacaaac ctgagccacc aaaggattat attcatgtga gagcaagaag 120

aggacaagct actgaccggc atagtttagc agagcgagct agaagagaaa agatcagtga 180

gaagatgaca g 191

<210> 11904
<211> 185
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-094-Q1-E1-D6

<400> 11904

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gacgaactta ctggtgtcat gaatgcgata tgagtttatc cctcctctcc tcctccgatt 120

ccgattccga ttcctctcct ctgttatgtc cccaatgccg tgtcgatttc ctcgaacgta 180

tggat 185

<210> 11905
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<223> Clone ID: LIB25-094-Q1-E1-G8

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tcaccgtgac aaattctccg tcgtacctct cgaaagccac aacaaccctt ctttcatctc 120

tagccccaat ctcataatca aatccatctt ccaatctctc acacggagaa gccccaaacc 180

t 181

<210> 11906
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<212> DNA
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<223> Clone ID: LIB25-094-Q1-E1-H1

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atgaattccc aacgtggcag tttctattgg tagacctgcg ttgccatggg gattcaacat 120

ctctcaagaa gagaggtcca cactcggttg ctactactgc ttctgatgtt ctaaaacttg 180

ttggtcagtt gaggttaaca cc 202

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<211> 197
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-094-Q1-E1-H10

<400> 11907

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agagatatat agtggctgga tctgatgcga gtaagaagag ctttggttct ggacttagag 180

ttcgtcactc tcagaat 197

<210> 11908
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<212> DNA
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<223> Clone ID: LIB25-094-Q1-E1-H11

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tttttcgtat cgctctcttc ggcatttacg caaacacctc ttgtgcgttc gaacaaaccc 120

aatttgcttc ttctaccacc agttgcagac tccgtcaaat tgattcaaga ctttcatcag 180

tctcg 185

<210> 11909
<211> 196
<212> DNA
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<223> Clone ID: LIB25-094-Q1-E1-H2

<400> 11909

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tgaaccaaaa caactccgtt tgggttgtgg ctttcctctg tgaatccttt ttctctttca 180

tatggcttct tattac 196

<210> 11910
<211> 197
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-094-Q1-E1-H3

<400> 11910

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agactcgtga ttatactttc ttgtctttca tattcctttg ttcgatcaga ctttacagag 120

agaacaaata tcaattatgt atcagctgtg ggagatcccg ggatgagaaa cgataactta 180

agggtggcta tagaagc 197

<210> 11911
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<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-094-Q1-E1-H4

<400> 11911

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agtatttgca ttgtgttatt tgtattgtcg atggctcgtg gagctgtctc tagaaattat 120

ggagacgctc tcacaaagag tcttttgtat ttcgaagctc aacgttctgg aaaattgcct 180

tcgaaccaaa g 191

<210> 11912
<211> 195
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-094-Q1-E1-H9

<400> 11912

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cagaggagat agacatgagt tattgggacg tgtcatgggg agaattcaat gaagacaaga 120

actcgtctat cttctgcgag tcacaccctc acatagtaaa ttcgcacggg atatgggagg 180

ttatgacttt caaga 195

<210> 11913
<211> 204
<212> DNA
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<223> Clone ID: LIB25-095-Q1-E1-A10

<400> 11913

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aacttcttct tctctacatc ccaactccaa actctcacat tctctttcag ctaaattatc 120

ctccaaagca aatgtttccg tccaatttct gggaaagaaa cagtctccgc ttctctcctc 180

aactccgaga tttctcactg ttat 204

<210> 11914
<211> 200
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-095-Q1-E1-A12

<400> 11914

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gaacgccaat agagcgcgaa gaagaaatcg caagccggaa gaagaaagca gtcgctgggg 120

cttctggcaa tcttagaact ctccctgctt ggaagcaaga ggtgactgat gaagaaggcc 180

gtagaaggtt ccatggagca 200

<210> 11915
<211> 207
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-095-Q1-E1-A2

<400> 11915

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tggaagggtt tcaaagctcg caactttgaa ggccaaacaa gctaatgccc tcttctggtc 120

gcccacaggc aagtacataa ttcttgctgg gttaaaaggt ttcaatggcc agcttgaatt 180

tttcaacgtg gatgagctcg agacaat 207

<210> 11916
<211> 218
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-095-Q1-E1-A3

<400> 11916

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ctgctttgan atttctctgg gtgatacaat tggtatcggc actcctggnt ctgtggttcc 120

aatgcttgaa gccgtgatgg caattgtgcc agcggacaag ctggntgttc acntccatga 180

tacctatggg caagctcttg caaacatatt ggtgtctc 218

<210> 11917
<211> 218
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-095-Q1-E1-A5

<400> 11917

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gcagatattt cagttgccgt taaagtactg tgcttcgagt ttttcttcca ccggccaacg 180

gaattacggt gcttcttctt cgccgtctcc gattgtaa 218

<210> 11918
<211> 91
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-095-Q1-E1-A7

<400> 11918

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aaaggggggg cnncccaaan ggttcaanct t 91

<210> 11919
<211> 187
<212> DNA
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<223> Clone ID: LIB25-095-Q1-E1-A8

<400> 11919

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gttctaagta aatttgcctt tgaagacaat gcgactctgt ttcttgcttc tctcccttc 120

tctcttgcaa acattgttct tactataagc ttccttttat gtttcagact tgtttaagat 180

tttaatc 187

<210> 11920
<211> 74
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-093-Q1-E1-G11

<400> 11920

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aggacgaccg agac 74

<210> 11921
<211> 252
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-093-Q1-E1-G2

<400> 11921

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tctctcaggc tccgtgctac atgcgagaaa ctgaaaaagg ttctaagcgc taatcctctg 120

gcaccgttga atatcgagtg tttgatggat gagaaagatg ttaggggtgt catcaagagg 180

gaagagtttg aagagatcag catcccgatt ttggagcgtg taaagaggcc tctagagaaa 240

gctctctctg at 252

<210> 11922
<211> 199
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-093-Q1-E1-G5

<400> 11922

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tttttctcat agtatcgtct cttgtttcga gttctcttgc caccgctccg cccaacacat 120

ctatatatga aagctttctc caatgtttca gcaatcaaac aggtgctcct cctgagaagt 180

tatgcgacgt cgttctgcc 199

<210> 11923
<211> 195
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-093-Q1-E1-G6

<400> 11923

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taaatctcag attccaaatg ggttttctta gctctttctt tcaaatgang aacatttgtt 120

agcagaatct tcctctttcc ctaaagtttt gatctttttt tccccccttca attttgtatt 180

ttctcaccaa ataac 195

<210> 11924
<211> 51
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-093-Q1-E1-H11

<400> 11924

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<210> 11925
<211> 204
<212> DNA
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<223> Clone ID: LIB25-093-Q1-E1-H2

<400> 11925

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cttttctctc ttcaaatctt ttcttttaca tattttcttt tctttttttt gtctttaata 120

caaatttact aactaatcag aataaaaatg ggttcgagta agtttaaacg agccatagga 180

gccgtaaagg accaaaccag cgtc 204

<210> 11926
<211> 178
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-093-Q1-E1-H6

<400> 11926

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accggaaaag gctgacgtcg tgattcctgt tgccaccgtg tcaggagtcc atgcgaca 178

<210> 11927
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<212> DNA
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<223> Clone ID: LIB25-093-Q1-E1-H7

<400> 11927

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agatgtctgg tgattttcgc ggttgtatca gctttagttg tgtgtggacc tgctctttat 180

tggaaattca acaagggt 198

<210> 11928
<211> 115
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-093-Q1-E1-H9

<400> 11928

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tttccaaacc ccctcctggg cctaagcttg taaaaaaaaa aaaaaaaaaa aaaag 115

<210> 11929
<211> 202
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-094-Q1-E1-A1

<400> 11929

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cttctgtgtc atcgcaagat tatcgctggt cagagattcc tgaagagctt cttagggaga 180

ttctgattcg tgttgaagcg gc 202

<210> 11930
<211> 199
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-094-Q1-E1-A11

<400> 11930

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gtcagggttg gttttgcacg ccttgtgtca acgatccagg tttaagggga cttaggaaca 180

taatgaaaat tcacatcaa 199

<210> 11931
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<212> DNA
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<223> Clone ID: LIB25-094-Q1-E1-A12

<400> 11931

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ctttcgcttc tcctcttctg ttcatataac aactgaataa tgtcgatctc cgcccaaaat 120

ccggatattt ccggcgatag acaatccggc caagatgttc gtactcagaa cgtgatggc 179

<210> 11932
<211> 181
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-094-Q1-E1-A4

<400> 11932

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actcaagtga ttattctgaa gattttctaa gatcttgctc tctttgtaaa cgtcttcttg 120

ttcatggccg tgacatctat atgtatagag gagatagagc gttttgtagt ttagagtgca 180

g 181

<210> 11933
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<223> Clone ID: LIB25-094-Q1-E1-A5

<400> 11933

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gtggatttgg aggccgtggg ggaagatttg gaatgagaga tgactcattt ggacgtggcg 180

ggaatcgtgg tcggggttt 199

<210> 11934
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<212> DNA
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<223> Clone ID: LIB25-094-Q1-E1-A6

<400> 11934

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agacgttcaa tcaacggtgg tggaatttgt taacaag 157

<210> 11935
<211> 185
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-094-Q1-E1-A7

<400> 11935

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aaaggaggtc ttgcgatgga ttccgctatt gatatcagtt ctgatagtga tgtcgagata 120

caagaaacta gaaccaggcc tcaacatccc ccacggatag ctgaagagat ctctctacgc 180

tgaga 185

<210> 11936
<211> 170
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
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taagttggng aaaattctca gagagactga agtcgacaaa gtcagagggt ttcgtttttt 120

ggcttctggg ttttttattt caagtgttca atttccgaat taggtaagaa 170

<210> 11937
<211> 196
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-093-Q1-E1-G1

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tcggtcgtcg aanaaagatc ttctccttct ttcttcgccg tacgatcgtc gtctaatggg 180

agaatcatca aatcct 196

<210> 11938
<211> 182
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-094-Q1-E1-B10

<400> 11938

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gggttacgat tctttcagct gccaatcgtc gtctctctca tcttcctcct atcgcgtgtt 120

ccagaggtat tgatcaggaa gatgaagtac agagaaggag agcagagaac ttctaccaca 180

ca 182

<210> 11939
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<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-094-Q1-E1-B11

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taagattgga gctaaataca caaacatgaa cattgctgct gatgagaaaa tcgagagttt 120

tgaacttgac tatgatggga agagggacag atggaacggt tatgatactt caacctaccg 180

tcatgtggta ga 192

<210> 11940
<211> 199
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<223> Clone ID: LIB25-094-Q1-E1-B2

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aacacacatg ttaaagctat gacacttaga agaacagtga ccaatgttgg tcctcacatt 180

tcaagctaca aggtttctg 199

<210> 11941
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<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-094-Q1-E1-B3

<400> 11941

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gagccaccgc aggggctatc gcggcgactt ttgtttgtcc attagatgtg atcaaaacaa 180

ggtt 184

<210> 11942
<211> 197
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-094-Q1-E1-B5

<400> 11942

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ctcttaccgg aatcaatggt gatctaatca ccagatcatg gtcagcctcg aagcaagctt 120

acctaaccga gcgctatcac aaggaagaag caggagcagt cgtaatcttc gctttccaac 180

catctttctc agagaaa 197

<210> 11943
<211> 184
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-094-Q1-E1-B6

<400> 11943

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caagaacaag ctcgtgaatc gctcatcgaa atctcctaca cttcacccga ggaagacgag 180

gtta 184

<210> 11944
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<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-094-Q1-E1-B7

<400> 11944

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tagagaggaa gaagtctcca aaccgacttg ttgtcgatga agctattaac gatgacaact 180

ctgttgtc 188

<210> 11945
<211> 194
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-094-Q1-E1-B8

<400> 11945

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aagacttcag aggttcccat caggtgtcct caagtgcaat gcaagcatta tctctcagca 180

gcggaatgca aatc 194

<210> 11946
<211> 198
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-094-Q1-E1-C2

<400> 11946

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gcatcgctca ctagaggaag attttcttcc gatcaaatcc gaaatggatt tctaagaaac 180

ttccgtggat tcgccacc 198

<210> 11947
<211> 188
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-094-Q1-E1-C3

<400> 11947

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aactgtcaaa gattttgttg cgcggacagt caaagatccc aaccaattgt ttgtcaaaag 120

agaggatctg gctttggact cggtgaagca gtataaagtt gtttgcccga aggagcaaaa 180

caagatcg 188

<210> 11948
<211> 198
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-094-Q1-E1-C4

<400> 11948

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gcctgaaaca atctaccaaa actttctcca atgtttcaca aaccaaacaa aagctcctcc 120

taactcatta gccgacgtcg ttttaccaaa aaccgctgcc gctttcaccc ccgtcttacg 180

cgcttacatc cgtaacgc 198

<210> 11949
<211> 198
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-094-Q1-E1-C7

<400> 11949

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tactcgaatc aaagcagggt ttttgacact aaaaatccga tctcgtgaag tgtgttttgc 120

atcgaatcgg aaaatatgaa agaagggaaa tcatcgaagt cgtcgagtca acaagagcag 180

catgaacaga tttatcat 198

<210> 11950
<211> 200
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-094-Q1-E1-C9

<400> 11950

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ctccatcaaa ggagaaacta tcttccgtta cccaatccga tgaagcagaa gcagcgtcag 120

cagcgatatc tgcggcagct gcagatgcgg aagctgccgg attatggaca cagatcaagg 180

cggaagctcg ccgtgatgct 200

<210> 11951
<211> 201
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-094-Q1-E1-D11

<400> 11951

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aacatgtcgc agtcgccgga g 201

<210> 11952
<211> 197
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-094-Q1-E1-D4

<400> 11952

tgatttaaat tccggggagg aattagggtt tatgaaagta aaagaagaaa ctttgaagaa 60

tttgggagat ggagtggttt taagacctgt tgatcattgt tctagcattt ggagtatgaa 120

gatgaacatg aagaactttc ttaagaaact tcatatctcg cccaatcaat cagatgaagc 180

tgaaggatca atttcat 197

<210> 11953
<211> 196
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-094-Q1-E1-D5

<400> 11953

gcggacgcgt gggagattat atagtgagcg attgttagaa gccattaatt acttgagtcg 60

gaaggtttat ttgtttgtta tttgtctctc ggactggttg attgggttaa acttgtcaat 120

gagtaaccct ttgaatctgt cgttttgttt ggtcggtcga attatataga aatgtattat 180

tggttataaa atggta 196

<210> 11954
<211> 365
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-091-Q1-E1-D11

<400> 11954

ggttttgttt tcctttaacc atcncccana atactcttcc ctttaacgtg ggtccttcaa 60

tctttttgaa ngaccccgcc attgtcaatc ancttcaaa gggatcgtta ttctttttgg 120

ttttaggcta tttagattat tgaattgatt ttgaatgata ancatgatga attgtnttcc 180

gtgtttcact tcacaaanga gcagaaacgc tccatgcacg acgaacgaga ctaacgatga 240

taacgttgan cacgangaat tcanaccacc tgttgttgcg acgacgaaac ggactgaaga 300

aagagaacct gcagagcanc aaccaccggt gannacattc aatttccggg agttagcgac 360

ggnna 365

<210> 11955
<211> 394
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-091-Q1-E1-D12

<400> 11955

caaaaccgct ccaaatgtcc tgcgcctacc tcgcctgggt ccttgatcat gtttctgcag 60

ctgtgaatag gcagagaggg tagaagaacc gtggcgggat ctttaccgct ggatttggtc 120

aatgacatcc aatacttcat gaaatgactg aaggtgactc catctgctac aacatgtgta 180

gctgagttgc ctatacagat tccagctcca gggaagatgg tgacttgcat agccattatt 240

ggtcgcatct gaattccttc cggagagacg tgaggaggag gtaacttggg caagacgcca 300

tgcaacacac tgatatcttt aggggaatca gacttcagtt ggtcnaagtc ggtttcagta 360

nactctgcta cggtgaaaac aaganagtct tggc 394

<210> 11956
<211> 431
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-091-Q1-E1-D2

<400> 11956

nnngnaactg tttactttgc ccgggcccgg tccaaaaata aacgggtcca cncacgcgtc 60

cgaaaaaaaa caaanaanta ataaaacaaa aaaatatctt ttttttttct aataaanaag 120

aaataataaa taaatatgag atacacaaat gtgtccattt tattaggcat gttggtgatc 180

tttgtttcac caatggtgtt cgcagatgat ttgacaccaa tcccagaagg gcaaacccca 240

aagtggtgca gtgggtcaat accacgtttg ggtccaatng gctcaaacgt taaagggctn 300

agattcctgg ccctccgnag cttcctngaa gggctngctc caacgttatc catcaaacgg 360

ttgaatccaa aaagggaagg gtaaatnnaa acaacnacna gaanccatta aaaaccttcc 420

ccgcagggaa c 431

<210> 11957
<211> 270
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-091-Q1-E1-D6

<400> 11957

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ataataaagt ttccttggta atcagaaatc cgttagacta atcaaaaaga cctcgtgtcg 120

aatatcatca taaattaata aaataatatt ctgctggagc tggtcatttt ttttttttt 180

tttaattagg aaatatctag atttttatat ngaccaatta gncaattacg gattnaccca 240

aattctnatt ttnananana ccnaagaana 270

<210> 11958
<211> 145

<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-091-Q1-E1-D7

<400> 11958

aacatnnagc caaaanagaa cttatgtcag cctaagactg gggaatttac caangctgct 60

caaggataag ggtctacggc aggtttaagc tggcganatt tgcctatcaa tctcatcata 120

aagganaact tctttggctt ccctg 145

<210> 11959
<211> 419
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-091-Q1-E1-D8

<400> 11959

ggacagtgct aataaacctg atgcttgggc gtttgaggaa ggtcctcatt ctgattttgc 60

tggacctaat tctgggagca cggcatgcgt agctgttgtt agagacaagc agctatttgt 120

tgcaaatgca ggtgactcac gttgtgtgat atccagaaag aatcaggctt ataatctttc 180

tagaagatna caaaccaaga tcttgaagct gaagaaagaa aggatattga aagctggtgg 240

ctttatacat gcaaggccaa tcaatggaag cttaaatcta tcacgaagct atcggtnaca 300

tggaattcaa gcaaaataag tttttgccaa cctgaaaaac aaataattta cgccantcca 360

anatgttaac actngttgaa ccccgtgaat aatgaatnat ttccctggtc cttgcccng 419

<210> 11960
<211> 484
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-091-Q1-E1-E1

<400> 11960

tgttactttt gcngggcccg gtccgaaaat aaacgggtcg agccncgcgt ccgcatacnc 60

tctttttttc tcggacaaga aggctacaga aagatatgtc gctgtcgtct tacctcagcc 120

cgacgcgcct tctagaaggc tacctccgcc gttgtctcag ggcggcagga ctgacgtcgc 180

agacgctttc catagactct gaaacaacca tccacttctg gggcccacca cctctagacc 240

accggagcga cgatgacaga ccggttatgc ttctcctcca cggcttcggt ccgtcgtcca 300

tgtggcagtg gcggcgacag atgcaagcct tctctccctc cgctttcagg gtttattctc 360

ccgatcttgt cttcttcggc gactctacct cttcctccac caatcgcacc gaagtcttcc 420

aggttttata aacctatgtc tctatctctc tatttattat angtaangtt tgattccaca 480

antt 484

<210> 11961
<211> 415
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-091-Q1-E1-E10

<400> 11961

ctttctgaag cagatcagaa agcgttgggt ctaattgtga aggctgcaaa aattatggac 60

gatatattct atgagcaggt ttggaacagc aatccagccc taagagattg gctgaaggat 120

catgccaatg catcaaaact ggacaaacta aaatgggatt acttcacgat caacaaaagt 180

ccatggtcgt ctcttgatga aaatgaagca ttcttgagta ctgcggattc agctgtaaag 240

ttgcttcctg gagcaacaaa agccatagct ggctggaagg gtcttgaata tagagcagcc 300

tttccagtga ctaaaccacc tggtgccaat ttctatcctc ccgatatgga taaaatggag 360

ttcaccttat ggctcaatgg ccttacggaa gagcaaaagc atgctgcaac aagat 415

<210> 11962
<211> 288
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-091-Q1-E1-E2

<400> 11962

cctcttcgat ctctcctgaa tcctcanacc ctggagagag agagagagag tgacggggga 60

agaagatgac ttctgctttg tangcttccg atttgtttaa gcagntcaag tcaattatgg 120

ggacagattc gttatccgac gatgttgtac ttgtgattgc aacgacgtct ttggnactag 180

tagctggatt tgtggtgttg ttatgggaag aaaaacnang gcngattcgg gaccggggaa 240

gctgaaccct ttgatgatcc cnaattccct nanggctang gacaacgg 288

<210> 11963
<211> 429
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-091-Q1-E1-E3

<400> 11963

tgagagtaat tcactacaca cacacaaaaa ataaattgag tgcctccccc aaaaacaaaa 60

ttggtagata acgagcaatt gtttttttc agatttgatc ctgaattttt acatttttt 120

tttttgcaat ctccccctaa tctgttgttt ctcgcttctt cttctgttaa tcatctgtct 180

ttcaaaaaga aagaaaaaag aaaaattcga tttctgggtt tgtttttgtc atacagaaaa 240

aaatcaagct tatgaatttg tgtttaattt tttgttttaa tttgaaaggc aggttttttc 300

agaacgagat cgttttttca aatttcttcc gattttacct ctttttttct tcttagattt 360

tagtgaatcg aggggtgaaa tttttgattc cctcttttcg gatctacaca gangttgctt 420

aattcaaaa 429

<210> 11964
<211> 461
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-091-Q1-E1-E4

<400> 11964

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agggttttct tctctgtgag cgaagatgcg tgagattctt catattcaag gaggtcaatg 120

cggaaaccaa atcggttcca agttttggga agtggttaat ctcgagcacg ggattgatca 180

gacgggacgg tatgtaggag attccgagtt acagcttgag aaggggtaat gtatactaca 240

aacgagggcg aagtttgtgg gaagggaact tcccccgccg ctgttcctca atggatttgg 300

gagccctgga aaccaangga caagngtnaa gattctgggc cgtnanggna agattcttnc 360

gaacgggata aattncgtcc tccggcaatt ccgggtgctg ggaataactn ggccaaaagg 420

tcaacaacac ngaaaggngc cnnacctaat tgattccggt c 461

<210> 11965
<211> 425
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-091-Q1-E1-E5

<400> 11965

tgttatcccc ttctctctct gaaactaggg tttctatttc tctgagtgat gtgaaatgct 60

cgtgtaaacg gaaacgatgc agaagattct gtgcaaaagt accacttctt caacccctgt 120

tctctctacg ccggtgaact ctctcgccgc cggttttatc tctctagggt ttaagacccc 180

cgttaaaaat ctccctcctt gttctactac taaacctctc tccacttgtt tcttctctac 240

ttccgctatg ccgaccacaa cggcttctgt ttcttcaggc ggtgttggtt tctctgctta 300

tctacagagg actgttcata aaccggcacc ggcgtctgtt cggttctcaa cagctggtta 360

ccggacttgc cggtgttcaa ttgacggtac gaaccgggct tgggttgggc caactgggtc 420

ctggg 425

<210> 11966
<211> 480
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-091-Q1-E1-E6

<400> 11966

aaatcttttt tcttcctctc cttgatcgga gggtcnccgt gttgaaaagg atggatggtg 60

gtggagagac gacggcgacg gctacgatgg atgggagagg gttgaanaaa gggccgtgga 120

caacgacnga ngatgcgatc ttgacggagt acgtgagaaa acacggtgaa ngtaattgga 180

acgccgtgca aaaagaactc angtttgctc ccggtgtggg caaaaaagtt tgcccgtcta 240

acggtgggcc gaaatcaatc tccgggccaa atcctaaaag aaagggttct tttaactccc 300

tgatgaaaga aaangattaa tccatccgaa ccttnaacgc cttaaccttg gaaaacaaaa 360

tgggccccgt aannggttcc caanttacct ggaaanaaca agncaaatga agattcaaag 420

aactaattgg gaacaacgaa ggattgaagn agaaanacaa aagagcttgt tcccaaaanc 480

<210> 11967
<211> 401
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-091-Q1-E1-E9

<400> 11967

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tccaaaagaa caccatcttc cttcgtaatg tcagagaacc agtccgaaga agtccagcaa 120

atcgagaagc tctatgagtt cagtgagcgt ctcaatgcct ccaaggacaa gtctcagaat 180

gttgaggatt atgaggggat nattaagatg tccaagacta gtatgaaggc aaagcagctt 240

gcgtcgcagc taattcctcg ctacttcaag ttcttcccta gtctctctac tgaggctttc 300

gatgcgcata tggactgtat cgatgatgga gatcttgggg tacgtgttca agccatccgt 360

gggctcccgc tgttttgtaa ggatacgcca agatatttta t 401

<210> 11968
<211> 488
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-091-Q1-E1-F1

<400> 11968

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accgccgcaa caacgacgtc gtctcacctt cttctctcaa gctcacgtca cgtggcatca 120

tcatcccagc cttcaatcct ttcaccgaga tctctcttct ccaacaacgg gaaacgagca 180

ccaactggag tgaggaacca tcagtatgcg agtggagtga ggtgtatggc cgtagcggcg 240

gatgctgctg agacgaaaac ggcggcgagg aagaagagtg gatacgaact tcaaacgttg 300

acgggctggt tgctgagaca agagatgaaa ggagagatag atgcagagct gacgatagtg 360

atgtcgagta tatcattggc ttgtaagcag atcgcttcac ttgttcaacg tgccggaatc 420

tctaacctga ccggagttca aaggcgccgt taatattcag ggaaaaggat cagaanaagc 480

cttgacgg 488

<210> 11969
<211> 417
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-091-Q1-E1-F11

<400> 11969

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agaagacaaa taaaaaagct ctcatttatc ttcgtggaga tctaaaagaa ggaggaagac 120

atttcttccc tctggatctc caaaagtaag aacatttaca agaaacgaga ggtttgggtg 180

gggaaggaaa gaaggaggaa gaggcaatgt cagctaggta ttggtgtcac atgtgttcac 240

aaatggtgaa tccagttatt ggtgccgaga tcaaatgccc cttttgccaa agcgggtttg 300

tcgaggaaat gagccgtgag attaatggcg gcagcagtag cagtctaagg gaggttcaag 360

accctgagat tgattttggt acagaccggt gcattgtcct ccaaggggtc caatctt 417

<210> 11970
<211> 437
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-091-Q1-E1-C8

<400> 11970

atttctaaca agatatataa caatggcaag agttcagcta tttttatgct ttaccattct 60

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gcctcagatt gaacctccac aaacgttgaa ggatgttgaa ccttacaccg ttaaagtagt 180

gatagtcttt gtgtccgacc tcgagaaaga atgtcccaag acaaataaat tcaaggcttt 240

ctttgagaaa cttagggcat tcgccaagta tgtctgccca ataaaaagaa aagaccaagt 300

agattacgac cgaagacatg aaggccaagg ctggaggcct cttccaaagt catatcttcc 360

tttgcgattg gaaagataaa aaagggaatt caagaaggat aaaatggaag ttataataac 420

ctttaagtta atgaaga 437

<210> 11971
<211> 380
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-091-Q1-E1-A6

<400> 11971

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ctttcacgat attttgatat tttttctatt tataatcttt ctgggttttg agtcttttga 120

aggctgaatt gctctgaaat ctcaattgta taatcatctc ctgggtcgtc gttatcgtga 180

tcatctagaa gaaagcatga ctacactaga tttgaccaga gccgagcttg ctcttattgt 240

tctctatttg aacaaagctg aggctagaga taagatatgc agagctatcc aatatggttc 300

caaatttttg agccggtggn caacctggta ctgctcaaac tgtcgacaaa aacaccaagc 360

ttggcgagaa aagttttccg 380

<210> 11972
<211> 430
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-091-Q1-E1-A7

<400> 11972

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taaggtcctg aaaaaggtga aggagcacca caagaagaag gcaaaggatg ctaaaaagct 120

tggccttcac cgtaagccaa gagtagagaa agacccaggt atacccaatg actggccttt 180

caaggaacaa gagcttaaag cccttgaagt tcgacgtgcc cgtgctcttg aggagattga 240

acagaagaaa gaagctcgca aagaaagggc caaaaagagg aaacttggtt tggttgatga 300

tgaggatacc aagacagaag gagagaccat agaggactta cctaaagttg tcaatgttcg 360

agataactcn gagaaggctt tccacaagga gctagtttaa gtccattnaa ttgtccgaag 420

tccattttgg 430

<210> 11973

<211> 426
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-091-Q1-E1-A8

<400> 11973

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taatttttca tgatcttctt cgacttgtag atttaagttt tgaattcgtt caccagaatt 120

cagaacttga tactgatcaa ttgaattttc actcatcaat ttgcaacgat ttgatctacg 180

gaggcttgac gaggtggatt ggagccagag gaagggcgga tcatctcgaa gtagaagatc 240

tcgattttgg atcgctcgga aaactgatca aatggaggag aaaaacggat catcagaggt 300

agagatcgga gagaaagacg aaacgaagaa gcaatcaaag gatcttgagt tcttaagctg 360

tatgatgcag ccaaaaacag ctgattcaga tccacactac atcggaatcc cgccnggant 420

ccttct 426

<210> 11974
<211> 392
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-091-Q1-E1-A9

<400> 11974

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gaatgctttt gttcaatcat cttctcagtt tctgattccg aagaaaccct aatcaaataa 120

atcatggact gctcatgcag tactcgtcct tcgtctctgc ttatctcttc cgaaccatct 180

tttcgctttc ctcactctaa tttctcctcg aatctcagct ttcagatacc gaaagatacg 240

aagttggtga agcaagcgtt tggtagtgag aagttcctct ggttctgatt atcaaaacgg 300

cgacgttaat gggtttcctc tcaaaccaaa caaactcttt atgcaagagg cgattggagc 360

tgagtatggg agaagggttt gagacnttta aa 392

<210> 11975
<211> 493
<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-091-Q1-E1-B1

<400> 11975

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catagatttg cacaggaaga ggaatggata tcgcctcgac cacttcgaga gaaagcgcaa 180

gaaggaggcg cgtgaagttc acaagcactc caccatggct caaaagtctc taggtatcaa 240

gggtaagatg attgctaaga aaaactatgc tgagaaagct ctcatgaaga aaacattgaa 300

aatgcatgaa gagtcatcat caaggcgtaa ggctgatgag aatgttcagg aaggagctgt 360

tcctgcttat cttcttgatc gtgaagacac cactcgtgcc aaggttctta gcaacaccat 420

taaacaaang angaaagana aagctgggca aatggggaag gtccctcttc caaagggtcc 480

gtccantttg ctg 493

<210> 11976
<211> 412
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-091-Q1-E1-B10

<400> 11976

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atgacgacgg aggaagcggc ggttctgaga ttggagcacc ggatctggat aaagacttgc 180

tttgtccgat ttgtatgcag attattaaag atgctttcct cacggcttgt ggtcatagtt 240

tctgctatat gtgtatcatc acacatctta ggaacaagag tgattgtccc tgttgtagcc 300

aacacctcac caataatcaa gctttaccct aatttcttgc tcgataagct attgaagaaa 360

acttcagctc ggcatgtgtc aaaaactgca tcgcccttgg atnagtttcg gg 412

<210> 11977
<211> 412
<212> DNA

<213> Arabidopsis thaliana

<223> Clone ID: LIB25-091-Q1-E1-B5

<400> 11977

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ggaaaattag gctatggcga tgttaggtgc acagcaagtt ccagcagcag cttgtactcc 120

agatatggtt gggaatgctt ttgtgcccca gtattatcac atattgcatc aatcacctga 180

gcatgttcac agattttacc aagagattag caagttaggt cgtcctgaag agaatggttt 240

aatgagcatc acttctacct tgcaagctat tgacaagaag ataatggcgc ttggttacgg 300

tgtaatcagt gcagagatag ctactgtgga cacacaagaa tctcatggag gtggttatat 360

tgtactggtg actgggtatt ttgacgggaa aagacagtgt caggaggacg tt 412

<210> 11978
<211> 434
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-091-Q1-E1-B6

<400> 11978

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caacaaaaaa gcaaagcaaa agattttgcg agagaaaaaa aagaaaatgg atttgttcaa 180

gatccttctt cttgtgttct tcgtgaacat aagtttctgc ttcgctgcag atccatattc 240

tttctataac ttcgaagtct cttacattac tgcttctcct cttggtgtcc ctcaacaggt 300

cattgctata aatggaaagt ttcctggtcc tacaatcaat gtnacaacca atgaaaatct 360

ggttgttaat gtcaagaaac aagttagacg aagggacttc ttcctcaatg ggatgggatc 420

caacaagaga cgtg 434

<210> 11979
<211> 429
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-091-Q1-E1-B8

<400> 11979

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actttcatct cttttgctca tttatcctca ctcacccttt ctatttttct tacttgctct 180

tcttttcacc ttacatcttc aagattctct cttttctttc accactcttt gtcaccacca 240

cactcttgct tcttgcctta ttgagtactt tacatgttca agacacttgt ctcgactctg 300

aatcactaga aacacaacca agcttccttt tctccttttg tagtaagctt ggaagtgtct 360

tggaacacaa gtttgatgtc aacaatgagg gttttaagtc attggaggag ttggaagcgt 420

ataagatgg 429

<210> 11980
<211> 498
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-091-Q1-E1-B9

<400> 11980

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ggnccaccca cgcgtccgca nagagaaaga gagctttgac tttagatcca atcatggaga 120

caactacaac tcctctgctc cccggtgatc gcagcagatg cgggtggctc cgtcgccgtc 180

tccgcctcaa aaaccctctt tcttctgaac tctccggcgc tgtcggtgat ctcggcacct 240

tcatccccat cgtccttaca ctaactctag tctccaatct tgatctctcc accactctca 300

tcttcactgg tttctacaac atcgccaccg gtctcctctt tgacatccct atgcccgtcc 360

agcccatgaa atccatcgcc gctgtcgctg tctccgaatc cccgcatcta actccttctc 420

aagattgccg ccgctggtgc atccactgcc gccacgctcc tcctccttgg cgccaccgga 480

gctatgtctt tctctana 498

<210> 11981
<211> 264
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-091-Q1-E1-C1

<400> 11981

atttacatga tgatgaactt agttccagaa gtggcaccat cagtgttgta agcagtgtaa 60

gcacagaagc aaatggagct acgctgagta gagagataag aaacaatgat ccaatgttgt 120

ctcattgtag aaactcttat gctccaagcc aaggtagtcg ggacgagtac gacacaggga 180

cccatagtat gagcagtctc agcagtccaa gtcatgttca tgagaccgtc acacttagtc 240

ctctccctca gcatcataca gctg 264

<210> 11982
<211> 406
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-091-Q1-E1-C10

<400> 11982

gcttatgtac gccaaacgtg ctttcgttca ctggtatgtg ggtgagggta tggaagaagg 60

agaattctca gaggcacgtg aggatcttgc agcattggag aaggattatg aagaggtcgg 120

tgctgaaggt ggtgacgatg aagatgatga aggagaggaa tactaagaag aatgtttcta 180

aaaactttgg atttgtgtgg gtttctctat aatctcgtct tgtgagaatg ggctcaaaac 240

tcttgggagt ctttaatcgt gtgtgtttta aaacctactt ctctatcttt tcgtagccat 300

gttatctctc tattatctat ttcctttgtg tgttaaatcg tttctgcctt tctggtaata 360

tcttatcact actatcaana aaaaaaaaaa aaagggcggc cgctct 406

<210> 11983
<211> 416
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-091-Q1-E1-C11

<400> 11983

agactctgtt gattagtcaa cacagatcag aatctgaggc tttggccgag acgagagaag 60

cagaagaaga aaatggcgga gactgtacat tctccgatcg ttacttacgc atcgatgtta 120

tcgcttctcg ccttctgtcc acctttcgtc attctcctat ggtacacaat ggttcatcag 180

gatggttctg ttactcagac ctttggcttc ttttgggaag aatggagttc aaggacttat 240

caacatatgg ccaagaccca ctttgattgc ttggaaaatt atattttgct atggagcatt 300

tgaagctatt cttcagctgc ttctgcctgg taaaagagtt gagggtccaa tatctccaag 360

ccggaaaccg accagtttac aagggcaatg gtcctggctt gcttactttt gtgaca 416

<210> 11984
<211> 516
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-091-Q1-E1-C2

<400> 11984

gnnnngnaan tgttactttg ccgncccggt ccgaaaatna acgggtcgac ncacgcgtcc 60

gcncacgcgt ccggcagacc agatatcaat agaagttgtg ttcttgctga gcttcttctt 120

ggtcagccat tatttcccgg agaaaatgct gtggatcagc tcgttgaana ttataaaagt 180

tcttggtaca ccaactcgag aagaaatccg ttgtatgaat ccacattaca cagatttcan 240

gtttccacag ataaaggcac atccctgggc acaagatttt ccacaaaagg atgcccccan 300

aaacgattga ttttgcatca aagnngcttc aatactctcc aangtccaaa atgcacagcn 360

ctccgantcc tgtgcaaatc cgttccttga tgaactcaan aagaaccaac acgctcgttt 420

aaccaaatgg gacgggcctt tcccgcctct ccttcaactt caancaatga anttanctgg 480

attaatcaac ctgaactggt caacaagntt gantcc 516

<210> 11985
<211> 490
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-091-Q1-E1-C4

<400> 11985

aaaaaacaaa aacaaaatgg aggccaaaac attttttctc ttcatgcttt tcatcttttc 60

tcagtcttgg ctctcaactt ctaaaaggat cctaaacaat ccctctgttt tctcatcgtc 120

tttgaatttt tcgagtggta atgcagagag acttataaaa tcattcaatc taatgcctaa 180

gtatgacgtt aatgtcatcc caaaagggaa gccttggatg ctccaaagac tcaattggag 240

aagacaaatt ggattttcct gggcgaacaa gccgggttcc aaaaaaacgc cttcccgttg 300

ggtccttcct ggtcaaagaa tttgggccaa ctaacgcctg ggttaattaa caaggcctcc 360

tcaattcaaa aaatcaagcc caaagaatgt tcctaanttc ccttttttga atccacggga 420

acaaaaaaca aaccgattcc gggttggtga ttctgggtta aaccgggttg gaacccgggc 480

tgcaattaat 490

<210> 11986
<211> 190
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-091-Q1-E1-A5

<400> 11986

annagagaac anattcgtgt cgtcntccac agacaaagac gcgatgaaaa agacaattct 60

ttctattcat tttctggaca gtcttggtct ctccgtatca ttttgagaag gaaatcgaag 120

agagcctaan acatgctttc ganaagatag angatttgat cgctgatgaa aataaattgc 180

acacantctc 190

<210> 11987
<211> 430
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-090-Q1-E1-G7

<400> 11987

tcttccccat tctctctcta aaaccatttc ttttttctca gctacaaaaa tcgaaacttt 60

ccgacgagtt tttaacatta ggacttcatt cggcaagaag cattaccgta gtatgtcgga 120

tttgatttaa gatgacatga gatatggctg cattgaatct atcaaagagg tcaatttgtg 180

aaacatgcgg acatcaagga tggaagaatt cacttgtaac ttgctctaaa tgccgcatag 240

cctgtgaaca ctgttattgc atgcgggaga gttcatttga gacctcaata cattttgtct 300

gtgctgattg ttcgatgaga cctgttcaaa acaaatttac ttcagattct atcaaaggag 360

tccctagaag tattaggaat aaagtgcggg tggaatcttc aaatccagtt cctaaatggg 420

aaaaaaattc 430

<210> 11988
<211> 432
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-090-Q1-E1-G8

<400> 11988

gtttagagat tttttgaaag aacaaacaga tatcgaattc gagttttgca aaaatggtat 60

cggtggagga acctttatct cattccaatt ccactcgctt tccgttaaca accgatttct 120

acggttcatc atcgccgtcg gcggcgaggt tacaccgtca agctggccgg tcgatgagaa 180

cagtgagatc taacttctat caaagcggag atcaatcttg ctcattcgtc ggctcaatcg 240

gcgataaatc agagtatgcg tcggagtttc tctcggattc cgtcatcgac atgagactcg 300

gcgagcttgc tttgaaaaac agtaattctc tcaattcaaa cgcttcctca atgaaagaag 360

gaagcgtttc tcgacatttc tcaaggcgtt aagtgatttt ccgccttgta agtagtgata 420

acctccgggg ag 432

<210> 11989
<211> 482
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-090-Q1-E1-G9

<400> 11989

tactgttncc cccggcccgg tacatatcca naaattcccg ggtccaccca cgcatccgca 60

aaaccgcaat ccgcgccgag aaaacagatt cctccgccgc cgctgctgca gcccccgcca 120

cgaaagaagc tcccgtggga ttcacgccac cgcaggctag acccaaacac accgtctccg 180

atcttcgctg gaagcaccgg tggtcttcta tgtaaagcgc aagtggaaga gttctacgtt 240

atcacgtgga actcaccgaa agaacagatc tttgagatgc cgacaggagg agcagcgatc 300

atgagaagaa ggtccgaatc ttctgaagct agcgaggaaa ggancaagtg tttagctttg 360

gggacaaggc ttagatncan gtanaagntn anttatcagt tttanangag tgtttcctaa 420

cggtgaggtt caannncttc atccnanagn tggtgtttan ccangagaag gggnaatcca 480

tg 482

<210> 11990
<211> 438
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-090-Q1-E1-H1

<400> 11990

agccaacgga agtgtttctt aattcatttt ttgtttgttt tggtttaaat aattcagtgt 60

ctcacgagct gtgtcgagat tggatccata caaaatctgc acgacgcctg cttcttcact 120

ctctcccact gttccagctt caactctctt gatatacaga gagagataga gataaagaga 180

gagagagtga gagtgatagc tctcggagaa attgaagaag acacaatctg attantattc 240

tccaatattc catcaanttt ttgctgaggg aaatctccan atttataatc gtttgtatat 300

atatatatac agagcagcgt anaaaaggat cttagattta tagcagcaac angaaaatgt 360

caatgccact acaacgtggg atctctggga gtacgagttt ccggatagca agtgatgatt 420

ttgagagact ccgcanat 438

<210> 11991
<211> 123
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-090-Q1-E1-H12

<400> 11991

ntcaacgatc ctctcnggag cgccanatgc cttgtcacct ctcctcacct cattcacacn 60

gtgcatctcg attaccttga agctggtgcc ngatatcatc tccagcgctt cttancaggc 120

cac 123

<210> 11992
<211> 496
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-090-Q1-E1-H2

<400> 11992

ctgtttacgc ttgcccgtgc cggtaccana nctaangggt ccacgcacgc gtccggattc 60

acacagttac aacgctcant tggggagttg ttgggtgatc ggtccgaggc gacatacaag 120

atgaccggaa actcttttaa ctcgatgaaa gatttcctga agcagacagg cggctatgcg 180

gtaatagacg gngggcttgc aacgganttc gagagacatg gagcagatct caacgatcct 240

ctctggagcg ccaaatgcct tgtcacctct cctcacctca ttcacaccgt gcatctcgat 300

taccttgaag ctggtgctga tatcatctcc agcgcttctt atcaggccac gattcagggg 360

tttgaagcaa agggattttc tagaagaaga gagcgaatct ttgcttaaaa agagcgtaga 420

aatagcgact gaagctcgga actcgtatta tgacaaatgc ggaactagct cttccatgga 480

tgataagatt ctcaaa 496

<210> 11993
<211> 433
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-090-Q1-E1-H3

<400> 11993

tcacaaaccc gaaaccctaa ttttctcggg acactgaaat ttttacagct tctttcctct 60

tcttcaccgg ggagatttgt cggtactaaa tctagggttt ttgggtatca ccggagggtt 120

gaagagagag aaaaaaactc acaatggaat cagatcaggg aaagctattt atcggcggga 180

tttcatggga taccgacgag aatcttctga gagagtactt cagcaatttc ggcgaggttt 240

tgcaggtcac tgttatgcga gagaaagcta ctggtcgtcc tagaggattc ggattcgtcg 300

cattctcgga tcctgctgtt attgataggg ttcttcagga caagcaccat attgataata 360

gagatgttga tgtgaagaga gcaatgtcta gagaggagca gagtcctgct gggagatnag 420

ggacttttaa tng 433

<210> 11994
<211> 158

<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-090-Q1-E1-H4

<400> 11994

ttactgtgtt taagaagggt tatgctgaaa cgaagcagga ttctgtttct angacgaang 60

caactgcctc ggttgattcc caagacngga tgctatgatt caagcagatc ntcatggaag 120

ntttctcgga ctgctacatt agnaagcatt gctcatna 158

<210> 11995
<211> 434
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-090-Q1-E1-H5

<400> 11995

cgaagatgag aaatcgatca tctctgaaga aaaaccggtg aaatctgctt cagtttcatc 60

tcatcacgtc tcacctgaag acgacgagac aacagatatt ttactgtctg agattctagc 120

atcaaagcga agggaaggga aatctattat tcccgataag aatctagtga agacagaaca 180

agcttcaatt gaggaaggtc catcaagacc tgtaaggaaa agaacaccgc gcaatcgtga 240

aatcattacg aaggaagaga gtaacccaaa gaggcgtcgg gtttcaagag agaagccaaa 300

gtctaatgct gtgatggctt ctaggttttc caacaggaag agaaagcgag gaaaacgaag 360

gtcaggctct gccgggttac gaagaagatt ctgaagaang tttgggaaac tttcaagtaa 420

ctaatccgga tttt 434

<210> 11996
<211> 505
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-090-Q1-E1-H7

<400> 11996

gnnnnggnnn ngnngnttct gtcnaccccg ctcgtaccgn tccacnaatt cncgggtcca 60

cccacgcgtc cgaaaatctt ccggagcttc taacttttt tctgcatggc gtttcctctt 120

cgtgtctaag agcgcttcat ttctgtttcc ttttctgctt gcctgggtag atattttata 180

tccttaaaag gagaaaatgg atgaaaacaa cgcggcaaag ttaaccggga tcaagcagat 240

tgtgagacta aaggagattc ttcaaaaatg gcaaactgtc acaataggtt caaagtcaga 300

tgatggagag ttgggagcta gaaaacacac agctatcatt tcaccggtta tcaacaagag 360

gctattggat ttgaagactt gtgactcgga cgaggaaact acttgccaaa gccctgagcc 420

accgcctgat gtccctaaag gatatttggc ggtttatgtt ggacccgagc tccggagatt 480

tatcataccc acaaactttc ttagg 505

<210> 11997
<211> 489
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-090-Q1-E1-H8

<400> 11997

nnttgccnnn ggccctnnna ancnanaaat cccggggccn nccacgcgtc cgcacacgcg 60

tccggaaagt ttgcgtttat actcttcgat agcgtcaaga aaactgtctt tgctgctgct 120

gacgccgatg ggagtgtgcc gttcttctgg ggaaccgatg ctgaagggca ccttgtgttt 180

tctgataaca ccgagatggt gaagaaaggt tgcgccaaat cttatggtcc tttccctaaa 240

ggttgtttct ttacgtcgtc gggtggattg aggagctttg agcacccaaa gaacgagttg 300

aagccagtgc cgagagtgga cagctcaagt gacgtgtgtg gtgcaacctt caaggttgac 360

gctgagacta agagagaagg taccaaaatg cctaaaatcg atagctccca aaattgggcc 420

ggtcatatct aaaccggaaa tcatacacaa tcacaagctc aacatccttc tccctccttg 480

tcttgtccc 489

<210> 11998
<211> 428
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-091-Q1-E1-A1

<400> 11998

acgtatgaac caagaacaaa gccttttaga tagttccgtc tgcgaaccct aaaatcattc 60

aataaacttc gaacaaaaac gaatgctttt gttcaatcat cttctcagtt tctgattccg 120

aagaaaccct aatcaaataa atcatggact gctcatgcag tactcgtcct tcgtctctgc 180

ttatctcttc cgaaccatct tttcgctttc ctcactctaa tttctcctcg aatctcagct 240

ttcagatacc gaaagatacg aagttggtga agcagcgttt ggtagtgaga agttcctctg 300

gttctgatta tcaaaacggc gacgttaatg ggtttcctct caaaccaaac aaactcttta 360

tgcaagaagc gattgggagc tgagtatgga gaanggtttg agacttttag acaggatggt 420

cctcttaa 428

<210> 11999
<211> 491
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-091-Q1-E1-A12

<400> 11999

nnngngggnn ngnngnaant gtttacgcct gccggtagcg gtccanaatt cacgggtcna 60

cccacgcgtc cgggaaaatt cttcgaatct gaaatccgat cggtgagcag aaaccctaat 120

ttcgtacagt ctcatgattg agatttgcgt cttctacact ctctgttttc actcctcctg 180

attcttctct caatctcttg ttttctaggg ctcgcttgtt ctgatttcgt gagggtgaac 240

atggatggaa acaaagacga tgcgttgaag tgcttgaaaa tctgcaaaag tgctatggaa 300

gctggagatc gacctcgcgc tttgaaattc ctggctaaag ctcgtcgtct tgatccaaat 360

ctcccgatcg atgatctcgt atctgagctt aacaacaaca aatcagacga accaggatct 420

gcaaaatcgc ctggatctgc agcagcaaag gattcttcca attcttcaga ttgggcttct 480

ttacgtcaaa g 491

<210> 12000
<211> 484
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB25-091-Q1-E1-A3

<400> 12000

tgttagttgc ccggccgtac canaccaacg tctcgngtca cgcgtccgca cacgcgtccg 60

caaatatgtt cctcttgatc tccttcaggg tgcatcagtg gtggtgctgg ctaatctgaa 120

gccgaggaat atgagagggg ttaagtcatg tggtatgctt ttagctgcat ctgacgcagc 180

tcatgaaaat gttgagcttc ttgttccacc agaaggctct gttcctggag atagagtttg 240

gtttggtaac gaagaagatc tcgagcagct tcctgaacct gcacctccta ataaggttca 300

aaagaagaag atgtgggaat tggtgcaacc acttttgaag acagatgcgt ctggtgtttc 360

aatgcttaag gagcatttga tgcggacatc ttctggtctt gttacttcca agtctttaag 420

aaatgccaac atttcttgat ttctgttaaa agctaatttg tgatgttgtt tttgacacaa 480

gaaa 484

<210> 12001
<211> 427
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-091-Q1-E1-A4

<400> 12001

ggcagaccag atatcagtag aagttgtgtt cttgctgagc ttcttcttgg tcagccatta 60

tttcccggag aaaatgctgt ggatcagcnc gttgaaatta taaaagttct tggtacacca 120

actcgacgaa gaaatccgtt gtatgaatcc acattacaca catttcaggt ttccacagat 180

aaaggcanat ccctggcaca agatcttcca caaaaggatg cccccataag cgattgattt 240

tgcatcaang ctgcttcaat acnctccaag tctaagatgc acagcgctcg aagcttgtgc 300

acatccgttc nttgatgaac tcanagaacc aaacgctcgt ttaccaaatg gacnggcttt 360

cccgcctctc ttcancttca nacaanaagt agntgngatn atcacctgaa ctggtcaaca 420

agttgat 427

<210> 12002
<211> 439
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-090-Q1-E1-G6

<400> 12002

taatttatta ataaaaaaaa ataaaaagaa gcagaaaaga gataatgcag ggtggtaggc 60

ttttgacggt gttggtgtgc ctcgcctcca cggtggcgtt ggtgangcgc cggtgaccct 120

tacttctact acacgtggaa cgtaacctac ggaaccgccg cgcctctcgg aattcctcaa 180

caggtgattc tcatcaacgg acagttccct ggtcctaacc taaactcaac ctccaacaac 240

aatgtcgtca tcaatgtctt caacaacctc gacgagcctt tcctcttgac ctggagtgga 300

ctccagcaca angaagaact catggcaaga tggtgtgact gggacctcat gcccaatccc 360

agcangcacc aacttcactt accatttcca agnctaagga ccaagattgg gtagcctagt 420

tctactaacc atccaacgg 439

<210> 12003
<211> 414
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-089-Q1-E1-D7

<400> 12003

acacgatctt gttcggagag attcgtaggg gaccgatcta tcaaggcttc aagggcaaac 60

agaaatggac cacgacaaga caggatgcca aagcccacct gaaggtccca agctatgtac 120

taacaactgc ggtttctttg gaancgctgc cacaatgaac atgtgttcta agtgtcacaa 180

aggatatgtt gttccaacaa ggagcaaggc gctaagtttg catctgcaat tgtctggaac 240

atcgtcatcc aacaacatca taaaagggaa anctttaacg ctgcgttggt cnatatttaa 300

accaaatccg ttnaaccnat gactgtttct gtacanccat cctctgtcca antcnttnca 360

aaagtagtan caccanaaga anctgcgaaa ccaaaaggac caaaccnatg tttt 414

<210> 12004
<211> 78
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB25-089-Q1-E1-D8

<400> 12004

ggcntggact taacgtttgg ggaagggttc actcaaccga tacccagaag aaaggtggan 60

ccgattttgg gcaatggg 78

<210> 12005
<211> 368
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-089-Q1-E1-E1

<400> 12005

cgcaagtttc tcggattcag gtctcggtcc aattccatct acctggaaag gngaatgcga 60

gatcggacct gattttcctg cctcatcttg caatcggaag cttatcggag ctcgagcgtt 120

ttacagggga tatttaacgc aacggaatgg aacaaaaaag catgcancca aggaatcnag 180

atcgccgcgt gatacaaaan gtcatggcac gcacacngca tctacggcaa gctggatcgt 240

gggttgcaac gccaattttg tacaantacg ccgcccggaa caactaatgg gaatggcntc 300

caaagncaag aatccncgct taacaaaatc cgntggaacg gccgggatgt taccantccn 360

aatatcct 368

<210> 12006
<211> 489
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-089-Q1-E1-E12

<400> 12006

gngnnngaan gtttgttagc cggccggtcc gaaatancgg gtcnaccacg cgtccgcncc 60

gctttttctt cgatcacatc gctcctatgc cgatcaggta atcgacacgc agaagcaggt 120

tctctctctg atccgcgatt tcactctgaa agatctcgtg gaggtaagat acttcataca 180

ttttgtttgt tttctaagag atttcgggtt ttgaacgatt ctactattca atccctggag 240

acacaggtga gttgtctttg aacgatttta ctattcaatc tctggaggtt ttgatttttc 300

tttgatctta cttggttttt gggatgatta acaagttttg gtgcctaatg agattgaaac 360

tgtgcctctt ttttttttt tttctcaggc aaggattagt cttcttcagg atgaagtttc 420

tactaatggc attgaagatg atgctcttaa ggtttggcca cacattgttt anttgagttt 480

ttaagtgct 489

<210> 12007
<211> 551
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-089-Q1-E1-E2

<400> 12007

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gtccggntgc gtttgagtcc gtacgaaaac anaagaaaag agagagatgg cggaagagaa 120

gaaagctcca atcagtgtct ggactaccgt gaagcccttc gtcaatggcg gtgcctctgg 180

tatgctcgct acttgcgtta tccagccgat ngacatgatt aangtgaaga ttcaaccttg 240

gtcaaggatn tgcaaccaat ataaccaaca acatgcctaa gaattaaggg cgtttggtgc 300

.cctccaaaaa gggaataacc tgccggggtt gnctgaaggc aaagcaacct tacaccaana 360

gcccgtcctg gattnaatca aanttgccga actgcaaaag gaaattgaat cccaaatgaa 420

nggaaaancc tccaaccggc tgtatcaaaa anggaactaa tgttggtccg aacanctggg 480

tgccaattgg gtgccttgcg ttcggtagtc caanccgatt ntaagccacc ttatcaaaaa 540

atggcaaggc c 551

<210> 12008
<211> 247
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-089-Q1-E1-E3

<400> 12008

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cgggacgcgt gggctgtggt gggacctctg gtgtttagct atgangataa tgatatttct 120

gatcaggatc ttcttcttga tgtgccgtcg aacggctcat tccctcaagc agagcttcta 180

aacatgatat gaaagangat aaagtttctc aaactcattg gttaaactca ttgtgtttcn 240

caganna 247

<210> 12009
<211> 545
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-089-Q1-E1-E4

<400> 12009

gnggnnnnaa cngtttcgtc gcccgggncc ggtccaaaaa ttaacgggtc cacncacgcg 60

tccgngngaa ctgaaatctg caactaggaa tttccggcct gatagtgtgg ttgggtgaag 120

gtggatttgg ttgcgttttn caaagggctg gattcgaatg atccctcctc ctccgctccc 180

ttctaaaacc gggggaaccg gggattgtca tttgctggtg aaaaaagacc ttaaccaaag 240

aaaggtttca aaggtcatcn aagagtggct gggctgaaga tnaattattt aagccaactg 300

ggatnatcct aaccttgtga aactgattgg atactgcttg ggaagaagag cacaggcttc 360

ctgtttaaca agtttatgac tcntggtagt ccctgagaat cactgattca ngaaagaaga 420

acattctatc aagccacttt catggaacac ccgggttcgt aaggctcctg ggtgcaacct 480

agaggacttg cttttccttc acaatgctca accgcaaagt tatataccga agacttcaaa 540

agcat 545

<210> 12010
<211> 356
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-089-Q1-E1-E5

<400> 12010

ctctctcctc ctccctccgc ttctctttct ctctgtaacc aacatgagca ggatcagcgg 60

cgatggcggc tctagggttt ctattccggc tgatntgctt caaaccattn aaaacatnag 120

agaggttaac ggtaaacaan attccgacga ggatatcttc cctgtcctta aaggatgttt 180

cattgattca aatgagaaca actcaaaaag ncttctccta tttanataca tttcaatgaa 240

gggtnaagaa gccaaacggg gaagaagaat annanagaga atttaagtng cnaaaataca 300

caaatgaaag gggcccngan tgggaacggg aagaactttt gcntcaaagt tacaca 356

<210> 12011
<211> 473
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-089-Q1-E1-E6

<400> 12011

gaatagatct ctgtgtcatt ttattcgtaa gaatgagatc tagtgtagaa gataacaaag 60

gatggatagg accagcgaca ccggagatat cgaacggttt tgagtttcag aaaggttcga 120

accggacacc aaaccatcaa cggtctacta aggggaancc agcgccgtna aaatgggana 180

tgctcaagaa atggctttct gggntaaggt ttgcctccgt tggaacgttg gtggaagttg 240

tgacaaagaa gttatcatca actcaaagaa gttaataaag cccganaaac tcctaaacgc 300

cggattattc ntaagactta aaagccttca ancttcacaa gaanagaacc ntnaanggag 360

aaagattcag ttacgtttga attatgaagg attaaagaaa atggccngcc ggnaaataac 420

cggaagttga aaaccaaana aagttgaatt tgtgggttaa nccggtttgg gag 473

<210> 12012
<211> 436
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-089-Q1-E1-E7

<400> 12012

tagtgagaga aggacnaaga atagatagag gaggaagaag aataaagaga aaagatgaac 60

aagaaggaga tcttcaagct agcgaagggt ttcagaggaa gagctaagaa ttgtataaga 120

attgcgaggg aaagagtcga gaaagctctg cagtactctt acagagatag gcgcaacaag 180

aaacgtgaga tgagaggtct ctgggatcga gcgcatcaac gccggttctc gtcagcacgg 240

tgtgaactac gggaacttca tccatggact gatgaangag aacatccagc tgaancgcaa 300

agtcctctcc gagttatcta tgcatgaanc ttacagtttc aaagcacntg tggatgtctc 360

cccgcaaagt cgttccctgg aaacaaagaa cgtggtccaa agcatctccg gaaaagtnaa 420

cntttcatcc atcaag 436

<210> 12013
<211> 433
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-089-Q1-E1-E8

<400> 12013

ttctctctct cataattctt gagtttcacg tctcaagatt tgatcacttc tgccaatttt 60

ccagattgat ctctctaatt atggcttcca tgagtttcgc cttgaatcgc ttctctggac 120

tctcctctaa aaccacctta tcagctgact tcgatccatc ctctcgccgg agttttctac 180

cgccgactag agttggactt aagatctctt ccgccgccga atcggagcct gatctcagtg 240

tcactgtaaa tggcctgaaa atgcccaatc ctttcgtgat cgggtcgggt ccaacgggta 300

acaactacaa cgtcatgaag agaacctttg atgaangntg gggggccgtn atcgccaaaa 360

ccgtatcctt aaatgcatcc aaaggtatca acgtgacacc tanatatgct ccgntacnaa 420

acggattcaa tgg 433

<210> 12014
<211> 436
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-089-Q1-E1-F1

<400> 12014

aactctactc tgacgccata catanacaat tcttaacttt atcctctcat ccttatcact 60

cttcctcaaa acttcgaaaa tgcatgcgat cgatttcaaa gagattcagg agaagctctc 120

tgatggattc cggccttggc aacgatcgtt tcagttctgg gctcgtgcca ctgatatcta 180

caccggatac aaggtttctc tttgattgat gggtatttca acttcgtatg aacttcgtca 240

aggatgttaa taagcacgan gagatgtngg aaganacaac atgaaacttg ctgctcaaaa 300

agtttaatct atgtgctctg aacttggtgg tttcatcctt aagattgcac aagttctang 360

gaaacctgac tggctccagc tggcntnggg tgagaaaaac tcgtcacttt gtgtgaataa 420

agctccctgc caaacg 436

<210> 12015
<211> 483
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-089-Q1-E1-F10

<400> 12015

tgtttagncc ngnccgggtc cganaataaa acgggncnac ncacgcgtcc gaatttttg 60

atctctctct ctctcttcnc ttgtantaan aaagctcaca acataaagaa attattacag 120

aacaagcaag caagaagaag aagaagaagc aataaaaatt agtgcttttt tatttagtga 180

gagagaaaag ctctgaagaa gaaggaagtt gttttcgaga tgcgagctag taaaggaacc 240

ttctctgtac ntcttctctt tctccttttg attctcattc tgcccagtct ttaatttttt 300

ttccttttc ttcttcttct ttcttcttct tcaatttcac tcntgttggg taagtcaaga 360

atcgtccaaa gtctttttt ttttttcttgg gttgtttggt attggatctg tttcttggtt 420

cttttaaaga ttggntaata ctttgatttt ggggggtttt gatttgatct agggtttcta 480

gtt 483

<210> 12016
<211> 474
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-089-Q1-E1-F2

<400> 12016

nngnngnaat gttacttcgc ccngnccgtc caaaattana gggtcnacnc acgcgtccgc 60

acctccactg tcttaaattt cactatcttc ttcttcattt tccttccttc tcacttcaaa 120

tccataatcg ctctacttct ctctctctct ctagattcga aaaaatggcg aaactggtga 180

ngttgttggt tctctgtatc ttaccggcga tagccatggc ggcaaggacg ggaaatattg 240

gaaagaatac aatggtggtt caaggtanca cctactgtga catttgcaaa ttcggttcga 300

aactcctgaa tcctcctact tcatccccgg tgcaaacgtg aagctatcat gcaacagaca 360

ggangacnat ggaagaagtt tacanagacn aanctgtatc agacatagaa ngaaantata 420

agttcaattg tccacgaaca tnacaganac cagatgtncc aangttttgc ttgt 474

<210> 12017
<211> 374
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-089-Q1-E1-F6

<400> 12017

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ccaaggaggc tgttgcaatc aaggaggctg tcgcagtcaa agangcggcc taatcagctc 120

agcttcagca gataaaagag acccgaattt ttaagtgtac ttcaagaatt tgaacaaatc 180

atggaaaatt agtgtttccc actggctcca aactaacaat gtnntaacct aacctnacca 240

actttgttnc ctggcttggt tttnacctgg taattaagaa ttatcaaata tcatccttgt 300

tccaacttaa aaaaaaaann aaaaaaaaag gggcgggccg cctctaaaan ggattcaaag 360

ctttacgtta cgcc 374

<210> 12018
<211> 379
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-089-Q1-E1-D6

<400> 12018

tagttgtggc gacttgcana cctgaagaac agattacttg cgangagaac gttccattca 60

catgtagcca aacagatcgt ttcaacanac aagatttcga aagcgacttc atcttcggtg 120

ttgcatcttc tgcntaccaa gatcgaaggc ggcagaggtc gtggacntaa cgtttgggat 180

ggcntcactc accgatacca nanaaaaggt gggagccgat ttggggcaat gggagacact 240

acttgtgact cataccggac tttggcaaaa anatcanaan tgatggaaga acttggngtt 300

aaaggntaca agattccccc ttgcntggtc nagaatcctt ccaaaaggna agaggaatnt 360

gggaatcaac naaagatgg 379

<210> 12019
<211> 502
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-089-Q1-E1-B3

<400> 12019

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cgcgtccgaa aagtcacaat ttcngatttn accgctaanc ccnaattcga nagccaangg 120

atatanatgg gtcgataagt gcnanggatt cttacataac acggttctcg ttgcggcttc 180

tctcttcttc gtcgcttact tagcttacga agcgaagaag agtctgtcta aactctcgaa 240

tcggagatct tatatcatga ttgcttaata agggtgtcct tggcttgtta gcttgctcaa 300

tcttgcttgg tgctgtctcc aaggttggga atgtactcct gggaaagaag ttgtttggaa 360

tctgttaact ttgttcacaa catctggaat gttgtttctg ggaaataagc ttggtggctt 420

ttctcttcca aggaaactat gcaagcggtg caaaagcatt aactaagaac gttcctaatc 480

tcgggtttta ntgttgctct tg 502

<210> 12020
<211> 128
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-089-Q1-E1-B4

<400> 12020

ttntaacaac tcaaccttgc ccgaatcaaa ctaancccc gaaaaaatng gattggcgcc 60

nttaagccgc cgccgaacct ataacccngg ccgttccggg gcaaagaagc caaagncctc 120

naattgaa 128

<210> 12021
<211> 428
<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-089-Q1-E1-B5

<400> 12021

aaatgtaacg gaccatactc tgaagattgg tttgcgatgg gctggcaaag ggacaacagg 60

cattccgatt agaggggtat atggtcctat gatttcagct atatctgtgg aacccaattt 120

caaacctccg gtatattatg acacaaagga tatcatacta aaagtggggg tacctgtcgc 180

tgcaagcaac acttcttttg tttatcatag tgggtgtatt ctggaaaaaa aggcgtgaca 240

aaaatgatat tgacaaagag ctaaggggtc tagatcttca aactggaact tttactctac 300

ggcaagataa aagcagccac tgataatttc gatgtaacaa gaaagattgg tgaaggtgga 360

tttggctctg tttacaaagg gtgaattatc tgaagggaaa ttattncagt ttaacaactg 420

ccgcaaaa 428

<210> 12022
<211> 419
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-089-Q1-E1-B7

<400> 12022

ggggttggga agacttcttt aatgaatcaa tatgttaata agaagttcag caaccagtat 60

aaggcaacta ttggggctga tttcttgact aaggaagttc aatttgaaga ccggcttttc 120

actttacaga tctgggacac agctggtcaa gaaaggtttc agagtcttgg tgttgcgttt 180

tatcgtggtg ctgattgctg tgttcttgta tatgatgtca actccgcaaa atcattcgag 240

gatctcaaca actggaggga agagtttctg attcaaggca agtccttcgg atccaagaga 300

actttccctt tgttgttatc ggtaataaga tcgatgtgga tggtggaagc agccgggtgg 360

tatcagagaa gaaggctcga gcttggtgtg cctcgaaagg aaacattcca tactatgaa 419

<210> 12023
<211> 403
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB25-089-Q1-E1-C1

<400> 12023

cntnaaaagg natttcaaan anacattnnn ncaggnnatn aggcngcccc tgttgtggtt 60

ccncccccng ttgctgancc ancggccatc ccagaggaca tggncttaat gactgcattg 120

gagttgactc ctaagaaagc tcgtgcttat ggtggtgttg ttcgtggtct ccatgagtgt 180

gctnagctta atgaagaaac cgtgtggctc aactcgttgt cntggctgaa gactgcaacc 240

aacctgatta tgtcaaagcc tgtgaaggct ctctgtgctg atcacgaaag tcacggttgc 300

taaacaattc caagtgccaa gaaccttggc gaatgggctg gtctctgcaa aattgattct 360

gaaggtaatg ccangaaagt tgttggatgc tcatgtcttg ttg 403

<210> 12024
<211> 338
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-089-Q1-E1-C11

<400> 12024

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catgttnaan gttgtctttg gtttggtttt taagttcttt ggatcanata cgattaangc 120

agtgagaaag atgataatgg cggtaacaac agagcattag gaaagcttct ctcgacatct 180

tgcttcctta ccaacgttcg gatttcgaag ggatcttccg tgctatggat ggtaaatgtt 240

ttgagtcgtc tctctaaaat gtancacatc ttaaaacatg cctaaacctt tttagttttc 300

aangtttacc ggtnnnaatn cgtntgttaa accctacg 338

<210> 12025
<211> 546
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-089-Q1-E1-C2

<400> 12025

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gtccgcacaa tcanaatggc gattccaatg tccatggcaa tggcgactcc tacagattcc 120

gtgagcagat ccnggagtat gtcntctcct canatcaagt cttccctcca acgcatcact 180

ccgaattacc ttcctcgtct tctcgccgtt cgggttactc ctcggtctcc caatctcttc 240

tccttcactc ccatctttct ccgggtctcc tctccgggtc aatcctctcc tctcaatcgg 300

acttccagat tggcaaaagc nttngagaaa tgggattcaa aaattgttga cggtgggtgg 360

gtcgtatcta cgcgaatgaa gaacacngga cgaacgtgtt tccgaaagct gaacaagaac 420

aaccgggacc aagcgcaaaa gctcttctgg cgaanggact caacgaactc aagctttctt 480

aaagcatggg aagaatcaan gaacgaactc cgagctaaga gctanttgcg aanaaggaag 540

ttcgtt 546

<210> 12026
<211> 391
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-089-Q1-E1-C5

<400> 12026

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gtgttcgccg gattatnacg tcagtattca caaggaagct ttgctcgcat tctcagagag 120

tgcnaggatc ttcatccact acctctccgc cacggcanat gattgttgct ataactactc 180

tagtggcgac cgttcttgtg agaagcggtt tttaagcttt tcttaangtt attacggcat 240

tgttttgtgt tttgttgaag aatttccatn ggcagccant gtcacancca agctccaaca 300

atgccgcatc aacagtctnc tantcggcct aaaattaggg cnnaggnaag gcnagccaac 360

cggttcataa tancatngct gaaaagcctc c 391

<210> 12027
<211> 438
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-089-Q1-E1-C6

<400> 12027

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gcaatggccg acgtccgccg ccaccggcag agattggccg tggggcgtac ttggcgtggg 120

aagatttgac ggtggttata ccaaacttta ntggtggtcc gactcnaana ttgctcgatg 180

gattaaacgg tcatgctgaa ccaagtcgga ttaaggccat taagggtcct tccggattcg 240

gcaagtccac gcttcntgat tctctcgcag gtagactcnc aagaaacgtg attatgaccg 300

gtaatcntcn attgaacgga aagaangcaa agactaaact acggtcccnt cgcttaagtt 360

acacaaagag gacattttga tgggaacact aacngtgaag gaaacaataa catactcaac 420

tcaancnacg ggtatcaa 438

<210> 12028
<211> 67
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-089-Q1-E1-C7

<400> 12028

gcnacggtct taagtgctcc ggcacttctg cagccgacaa agnctttttn agtcatttcc 60

tgatgag 67

<210> 12029
<211> 86
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-089-Q1-E1-C8

<400> 12029

ccttgattga ctcacgcaca actctcacat ctaaaaatgc aactggtcat gctcctggtc 60

caacgttcaa gggaaccaag ttnnta 86

<210> 12030
<211> 365
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-089-Q1-E1-D1

<400> 12030

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agattggtta cnaagattcg gagacaagta agacacaagt tactgtagaa gctcattagc 180

tgtgaaaatg tcntgggacg gtcctcttgc ttccgtcaag ttgattatcc nnggaaaaaa 240

cctccgaagt ttatcaagag cccaattnaa gcaagcatgt tgaaagaaga aanttagcaa 300

atccgttcaa gaaaacacaa gtcaatcttg gtgagannaa tttgatggta aggactccnc 360

tgttc 365

<210> 12031
<211> 493
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-089-Q1-E1-D10

<400> 12031

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tgttcacaac ttcaaagcat cgaaaaggtt taaactttac gtttttctct ggaacccgat 120

tcgaagaaat catcaagaag tttcctttca ctgatttctc aatctattcg tagctttcgc 180

gcttatggaa gattctggag tgaatccaat ggattcacca tctaaaggca gtgactttgg 240

agtctatgga atcataagag gtggaatcgt ggctttactt gtgcctgtgt tactctctgt 300

ggtgttgaat ggaaccaaaa aggggaaaaa gagaggtgtt cccatcaaag taagtggcga 360

agaaagttac acaatgcgtc atgctcgagc tcctgaattg gttgatgtac cttggggaaa 420

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gttacnagga aac 493

<210> 12032
<211> 419
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-089-Q1-E1-D11

<400> 12032

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agtcaacaca tctgcctact tcttcaagaa aactgctgag cttattgact tcaaggagaa 120

aaggagtgtg agtttcgagt atggtcgtta tggtaaccct acgactgtgg tacttgaaga 180

taagataagt gcacttgaag gggctgaatc aactttggtt atggcatctg ggatgtgtgc 240

aagcactgtt atgcttttgg cattggttcc tgctggtgga cacattgtca ctactactga 300

ttgctacagg aagactanga tcttcatgga gaattttctt cccaagttgg ggatnactgt 360

cactgtgatt gattctgctg atatcgcaag gcttgaanct gcantgaatg aattcaaag 419

<210> 12033
<211> 435
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-089-Q1-E1-D12

<400> 12033

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tgaaggaagt ttctcatgaa gtcgccttga tttatcgtct ttgatgatta nttctttgca 120

ggcttttcct gatgctgcaa cgatttccag tagagtctaa anggcggcgc aagaagctac 180

aagaggttgg ctacgtgaca accatatgct ttacatgttt cctcatcaag atgtatcatg 240

atgtgctttg atgcgtttga cgatgcagca gatcttgatg tcttaagatc atccaatcct 300

aaacttcata tattacttgt tggtggagat attgccatcg tctctggtcc tctttatcct 360

aagaaagctt ccgccaaaac gcggtatcac acaagtacca tcaaatccaa tgaacatgtt 420

caagagaatc cgaaa 435

<210> 12034
<211> 494
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-089-Q1-E1-D3

<400> 12034

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ngggaaangg aaaattcttg nggcattggn ggcttcaagt ccaacaggag gatggagtgg 120

taggagttta agtttacttg atccaactta tgcaagcaag tatattccaa ttattgcaag 180

tgtcagtgaa catcaacctc caacttggcc atcttatttc atggatatca atgttttggc 240

tttcttggtc cctgctggca tcattgcgtg cttttcgcct ctatctgatg ccagctcttt 300

tgtggtcctt tacattgtaa tgtctgtata cttttctgga gttatggttc gtcttatgct 360

cgtgcttgct ccagcagcat gcatcatgtc tgggattgcg ctctctcaag cttttgatgt 420

tttcacgggt tccaacaaat accagttagg cgcatcgtct aattccacag atgatgcaga 480

ggacaacact tcca 494

<210> 12035
<211> 526
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-089-Q1-E1-B2

<400> 12035

gnnngnngna actgtttacg cttgcccgtg ccccgtccga aaaattaacg gggtccaccc 60

acgcgtccga aaaaactttt ccttcttctt tcctcaacct ttgcttcaat ccttcaacaa 120

acttttcttt ttataaaaga ttttgcaagt taagttgtaa acctacaaaa aaccaaacat 180

gggtgggttt tgccacaagc caagtcactt tagataacca catctcccct aatcccccac 240

atacaaaccg gttccggttc tcacttccat tcaatccccg tcgtcaacct agccgattcg 300

ggaagcgaaa aacccgaatc gtaaaagcct ggcgangagt tcgggttcnt caaagggccg 360

taaancaagg agtccgaacc gaactcatga ctcngttaaa gcaagangct attggcttcc 420

tcggcttgcc tcaatctctt aaaaaccggg ccggtccaac tgaaccgtac ggttatggta 480

ataaacggat tggnccaaac ggtgacgttg gttggattga gtatcc 526

<210> 12036
<211> 523
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-088-Q1-E1-H1

<400> 12036

ngnnngnant gttactttgc cgcccggtcc gaataacggg tcgagcacgc gtccgcccac 60

gngtccgccc acgcgtccgg atgttttgaa agagttagct gggaaagttt ctgctgaata 120

cgactttatg ggatgatgtc tcagatattt ctctggaaga agttgttgag gatgatgatg 180

tagaaacatc aagaaacaca aaagtccaag acagatgatg aaaccgacac atctgcttat 240

ggaacagcat atgttgcatt tgggaggggg tgaaagggga aaggaggcat gtcatgctat 300

tgcctcatta tgtgaagttt gctctataga ctctttgatc tcaaatttta ttcttccgtt 360

acagggaagt aatgtatcag gcaaagatgg tcgcgtccat tgctcccttа atatcaatac 420

aagaaactgg gcgcttatca gctanaaggc caaatttgca naaccaacct gcantggaga 480

aagatcggta caagattcgt aagggctttg tagcaacccc ctg 523

<210> 12037
<211> 474
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-088-Q1-E1-H12

<400> 12037

cccccnnaan nnaaaaannn nnnggccccc acgcgtccgc atttaacaat ggcnttctct 60

tctctatctc ctctacctat gaagtcactt gacatttcga gatcctcatc ttctgtctca 120

agatctcctt accattttca gagataccta ttgagacgtc tacagctaag ttcccgttca 180

aacttagaaa tcaaagattc atcaaacact agggaaggtt gttgttccag cgctgagtca 240

aatacatgga agaggatttt gtctgcagca atggcggcgg ctgttatagc ctcgagctcc 300

ggcgttccgg ccatggcaga gcttaacagg ttcgaggccg atacacgtgg cgagtttggg 360

attggctcgg ctgctcagta cggttctgct gatttcagca aaacagttca ctccaatgaa 420

aatttcagaa gagccaactt tacttccggc cgacatgaag aaagtctgan ttca 474

<210> 12038
<211> 482
<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-088-Q1-E1-H8

<400> 12038

gaatttcgtc ttaaattcgc tttctcatct tcttttactt ctcggtttca agatctcttt 60

cagagatttc tcattttact tatcctcctg ggcttgcgtg agtttaaacg tgcgacattg 120

nttcctcaac cgtaatcaat aaggttaacg ttttcctgga ttcccgtaaa gggaaagaac 180

cntccctcaa caanggctcc ngatctttgc gggtgggaaa gattggcttc nttcctttgg 240

gtaacaaaat tttaaaagtt gggattgaag tcctaaggtt ttatcatctg aggtttagat 300

gtatcttctt tctttgctta tgcttggttt tactactgat tatgattatg ctggttaatt 360

ggtgttgctt tagggatttc acgttacact tgctcccatg ggacaatgat gttttccaga 420

ttcgccggtc catgcganac gctatcttcg tccaattaag agaagcgaaa nccantttcg 480

aa 482

<210> 12039
<211> 502
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-088-Q1-E1-H9

<400> 12039

nnnggnnnnn nggnatcttc nacgcctgna cgtaccggtc cnngattccc gggnccaccc 60

acgcgtccgg agaaatacag cattttgccc atcattgaag cacttgaaca gggtgtgagg 120

gtggttgaac tagatctgtg gccggatggt agaggcagca tctgcgttag gcctagctgg 180

aactttgaga agcctctgaa attgcaagag tgtttggatt ctattaaaga acatgccttt 240

accaaatgta catatccctt gataattacg ttcaaggacg gcttgaaacc ggaacttcaa 300

tccaaagcta ctcagatgat acaacagaca tttaatcata tggtatatca ccatgatcct 360

catagtttgg aggtttttcc ttcgccacaa caactgcgaa ataagatact aatatcaaga 420

agacccccaa aagagttgtt atatgctaat gatgatgatg gaaaagttgg cgtacggaat 480

ggggntgaga taaagacaac ac 502

<210> 12040
<211> 331
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-089-Q1-E1-A1

<400> 12040

nccaattcgg gctnctggat cancnancag atcctcaagc tctaggtatg gtggaagatc 60

caatcagctt gcatattcta nggaaggtgn tctgacaaat gaggggcatt canatgaggg 120

ttagatnaca tggagctgaa gaanttacac atganatcac agaaacaatg cgtgtggaaa 180

tgggaatatc agtcagatcg tgcatggtat gatacagacn angggaactc actgtttgat 240

gcggacagtg catccttttt tcctggnaga tgatgcttct ccacaagaag aagggaaact 300

gaaactgggc aaaagaanac tgggttatna a 331

<210> 12041
<211> 503
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-089-Q1-E1-A11

<400> 12041

nnggngnnnn nngnantntt tnttgccngc cgtaccgaac cacaattctc gngnccgcca 60

cgcnnnagnn attgggcgga cgcgtgggtg gagagttgct gtcggagcgt catagcttca 120

aggacgtttc atctgcggtc aagtggccgt ctatttccct ctcttagctt aactcatctc 180

aagggcaagc tatctctctc catcaactcg ttttcctcca agattcagtc tcatgctctc 240

cgaggagttg gtataggcga gtcagataag aaaaatcccc tgccgcgagg ggccggagaa 300

ggagtcaagg aagatgcgag gagtaagctg cttcatgtag ttttggtctc tcctcagatt 360

cctgggaata caggttgcat tgcaagaaca tgtgctgcct cagctgttgg tctgcattta 420

gtcgggccat tangttttca agtggatgac gccagagtta agcgagctgg tttggattat 480

tggccctttg tggttgtcaa aac 503

<210> 12042

<211> 446
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-089-Q1-E1-A12

<400> 12042

agctatcaag ccacccactt cacaagacca acanaccagg catttgttcg atngacattc 60

taacattcct aagggatgtc atttgctact gggagggagt ttgatgcaaa ctggctggtt 120

cctcctttga ttcgcccttc tgggacaaat cttgtcaaca ctgactggtc actccgaaga 180

aggttacaag cgtaaaattt gtaggcgact ctgatcttgt tttgactgct tctgctgaca 240

agacagtccg tatctggcgg aatcctgggg atgggaatta tgcttgtggg tatacattga 300

atgatcattc tgcggaggtg cgagctgtaa ctgtgcatcc cacaaataaa tactttgtct 360

cggcatctct tgatggtaca tggtgcttct acgatctgtc ctctggctca tgccttgcac 420

aggtatcaga tgattcaaag aatgta 446

<210> 12043
<211> 498
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-089-Q1-E1-A2

<400> 12043

gnnnnnngna actgttacct tgccgtaccg ggtccgaaat tncgggtcga cccacgcgtc 60

cgantggtan tgctattgct attcagattc ttagccgtgg cttcttgcct ctttgggctg 120

gtgttgttat tacngcttcc gattgttttt nattttttgtt ccaaagaaat tacggtgtga 180

ggaaattana agctgttttt gcagttttga tcgcaactaa gggtttgtcc tttgcttgga 240

tgtttggtga aacaaaaccg agtgggaaag aacttatgat angtatttta ctaccgagac 300

ttagctcaaa gacaattaag caagctgtaa gtgttgttgg ctgtgttaaa atgcctcaca 360

atgtgttttt gcaatccgnt cctgtacaat cnaaggaaaa tcnattccaa gaagaaatcc 420

ccggttcaaa gaagcgccta aatactaatt gatngaatca accgtcccac ttttcaaccc 480

cttcaagaat aacntgtt 498

<210> 12044
<211> 440
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-089-Q1-E1-A4

<400> 12044

ccantttttat tacngttact atcatccaaa cccttggtat ttgtanccat gagtcttgtt 60

tcagatctca tcaaccttaa cctctcagac tccactgaca aaatcattgc tgaatacata 120

tgggttggtg gttctggaat ggacatgaga agcaaagcca aggactctac ctgnaacagt 180

gactgaccct tcgcagctac caaagtggaa ctatgatggt tcaangcaca ggncaaagct 240

cctgggtgaa gacagtgaaa gtcatcntat accctcaaag ccataatcaa ggatnctttc 300

cgtagaggaa acaacattcc tgtcatgtgc gatgcgtaca ctcccgcngg ttaaacaatc 360

ccgaatnaca aaanacacgc tgcggctaaa gtctttanca accctgatgt tgcanctgaa 420

gtgccaaggt atggtattga 440

<210> 12045
<211> 454
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-089-Q1-E1-A6

<400> 12045

gcncacgcgt ccgcacacat cgataccatc accagtttac agattcggat agggacccac 60

atagtcctaa cgaangattt tggttcaagt cacctcctan ggctatttga taccggttat 120

cttgtagaaa agtgtggaan aaggacanat gtggaggact taanagangg cagtgggtac 180

tataaattcc ctcccaaaga aanaagtccc tttaccaaca atttctaaca atttgggttc 240

ctccctncta ttaactttgg tgggttggtc ctttccttaa ctttggggaa atgggtatat 300

tttaataatt ccgttccctt ttatttttaa aaaatttcct acaannaaca taaaagntag 360

ttacaaatna taaatgaaan nntgaaagaa ttccaatttt tccaaggagt gtaaggtatt 420

ggggtngcna tggagcatcn ngtganttgc ctca 454

<210> 12046
<211> 442
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-089-Q1-E1-A8

<400> 12046

cttcttgctt ttgagaaaaa ataattatat atttttatat aggaaagggt taatttatta 60

ataaaaaaaa ataaaaagaa gcagaaaaga gataatgcan ggtggtangc ttttgacggt 120

gttggtgtgc ctcgcctcca cggtggcntt ggttagcgcc ggtgaccctt acttctanta 180

cacgtggaac gtaacctacg gaacccgccg cgcctctcgg aattcctcaa cangtgattc 240

ccatcaacgg acagttccct gggtcntaac ctaaactcan nctcnnacaa cnaatgtccg 300

tcatcaatgt ctcaaaaaac tcgaacaagc cttccccctt gaactggaat tggactccaa 360

gcacaaggaa agaactcatg ggcaagatgg tgtnaactgg gaactcantg cccaatccca 420

acaanggaac aacttcaatt ac 442

<210> 12047
<211> 421
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-089-Q1-E1-A9

<400> 12047

aagaagaaca aaaaaaaaaa ggaagaaaac tttgcgtgga tgaaaaaatg gagatcggag 60

aagaaaattc tcgatgacca ttgaccttca gaagagttgg gaagtgagga ctgatgtgtt 120

ctggtggaga aggaaaacaa tggagctgtg gaaaagcggg tgtagtgagt ttgcagaaag 180

ttggatcttt ggttcgagat ttgagcgagc cttgtctttc acagtcacgg atacaggttg 240

ttataactat cggcaaaatg cttaagccag agaagtggca agcgtctttt gatagcgacg 300

gaagagtttc tggtttccag aangcgctta aattaattat tttaagggga atcganccat 360

cctattanag ctgaagtttg ggaaattcct ccntgggttg ttaagccttt aacaaacacc 420

c 421

<210> 12048
<211> 96
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-089-Q1-E1-B1

<400> 12048

ccaggaatag tccttgcgct gcttgtgctt atcccgccgc ncggcantag gacttacanc 60

tggagtgtga aggcaatccg tagaaaggan tactgg 96

<210> 12049
<211> 423
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-089-Q1-E1-B10

<400> 12049

ggagagaagc gtaagtcttg ccggagagtc gagtgagctg aatggttggt actcaccatt 60

ttccttcagt aattttctca gagagagctc tttaatcggg aaaaatcttc aaatgcgtct 120

ggttttgttc tcttttaat ttttttcttg tgatttcatt catggagatt gcaatttcgt 180

ataaaccgaa tccgcttatc tcttcatcga ctcagttgtt gaaaagatca aaaagttttg 240

gtcttgttcg gtttcccgcc aagtatggac tgggagctac ccggaaaaaa cagctctttc 300

gagtctatgc gtctgaaagt agtagtgggt cttcatctaa tagcgatgga ggcttttcgt 360

gggtgagatt ggctcagtct attcgccttg gtgccgaacg gattggggag aagattggag 420

aat 423

<210> 12050
<211> 490
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-089-Q1-E1-B11

<400> 12050

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ctctccttcc tacttcctcg gtttcatcgt ccactgtctc aacaatggcg tcattgtcng 120

taccttgcgt caagatctgt gctctgaaca ggcgggtcgg atctctccct ggaatctcta 180

cncaaagatg gcagncgcaa cccaatggga tctcctttcc ctccgatgtt tctcangaat 240

cattctgcat tctggaggtt gcgtgcanca actaatgang ttgtttctaa ntccactcca 300

atgacnaatg gtgggtanat gaacggnaaa gcganaacca atgttcctga acccgccgag 360

ctctctgaat ttatggctaa agtctctggt cttcctaagc ttgtggattc aaaagacata 420

ntggaacttg aactaaagca gntcgactgt gatatngtta ttcgaaataa ggaagcctta 480

cagcaaanct 490

<210> 12051
<211> 124
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-088-Q1-E1-G8

<400> 12051

gatggtatcn ggaatacgat ctagtctaan ccccgacnca cctctttttt tccggcagct 60

gtncgacgag tggacgattt ctcaccggan tggtggcaac tggtgacttn tcgacgtggg 120

tngc 124

<210> 12052
<211> 94
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-087-Q1-E1-C10

<400> 12052

anaaagatat anagagaaca cagatgaggc gaagagcgac gtatggttgg tgtttcgtac 60

ggattttctc ggtcaatctn agtttctccg gnga 94

<210> 12053
<211> 165
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-087-Q1-E1-C4

<400> 12053

ggaatgataa tatcgaagtt gggaaaatca ggccaagcct ttttgatgcg tttggtgatg 60

attcgagccc gaaagtgaag aagtttatga aagtgatctt agggtaagct tcaggctgga 120

aatggagaag aaggtggant taatgggaaa tgcctttggg ccaaa 165

<210> 12054
<211> 182
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-087-Q1-E1-C5

<400> 12054

gcggacgcgt gggcggtttc ctccgataca tctcctcgtc gccgttcttc ggattttcac 60

tcttctgctc gaaagggcag tgcttgagaa tcattgaaga aggtgatcgc tggtgctgtt 120

ttgataactc aaagccgttt tgctgaaagg agggttacca aaaggttang aaggcntcaa 180

ag 182

<210> 12055
<211> 154
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-087-Q1-E1-C6

<400> 12055

atcatcatca tttctctcta tctctttcta aaacacaacc atgactgttt cttcatctcc 60

atgggctctc atggctctct ttctaatggt ttcttcaaca atgggtaatg ggctaattcc 120

ctcccaacgg caaaggggcc caaattttgg aatt 154

<210> 12056
<211> 184
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-087-Q1-E1-C8

<400> 12056

tttgcccgaa atcgttcgnn aaacccanaa tccaanccct tgtcnaattc atcgatgccc 60

aaaccaaaat tgaaaacttt atcctcaaga gattaggaaa atctcattca ttagtgttag 120

agaaatccct tttggggatt atatttatca agagataaaa gattcgaaac ttgnaagatg 180

ctcc 184

<210> 12057
<211> 201
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-087-Q1-E1-D12

<400> 12057

gtacctttac cggatccaga agcaagaaga ggaatgttcg agatgcttat accgtcacaa 60

ccaggtgatg agccattgcc tcatgatgtg ttggttgaga aatctgaggg ctactctggt 120

tcagacattc gaatactttg taaggaagct gcgatgcaac cactgagacg cacattggct 180

attttggaag acagagaaga t 201

<210> 12058
<211> 191
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-087-Q1-E1-D2

<400> 12058

gggcaatcgc ataattccca ccggcgatcg gagatgagca gcgcgagact gtgctctctt 60

gtggcggagc taggttacga aggcgccgga aaattggatc ccgatagctt cgaatggccg 120

tttcagtacg acgatgctcg acctatcctc gactggatct gttcctctcn ttcgtccntt 180

ccaaantggt c 191

<210> 12059
<211> 161
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-087-Q1-E1-D3

<400> 12059

ctggtggaat gctggtctat gcgctggtat tttaaccgcg gtgactgtaa ttgtctatat 60

cgaagaccgg attggttggg gtgtggctag catcatactc acaatagtta tggctacttc 120

gttttttatc cttcccggta tcgngcaaaa cccggttttt t 161

<210> 12060
<211> 193
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-087-Q1-E1-D4

<400> 12060

taattcagat cacattcaag aatcttcttc actcacatct ctgaaaaaat ggcgagcaac 60

atggaagttt tctgcgagat cttaatcgcg atccttcttc cacctcttgg agtttgtctc 120

aaacgtggcc tgttgcactg tagagttctt gatttgcctt gggtgcctga acaatcctta 180

agngaattac cat 193

<210> 12061
<211> 165
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-087-Q1-E1-D5

<400> 12061

aaaccaaacc aaacccatag ggttgtgttg ttgctgttct gttcctatcg accacggcgg 60

cgacgaggcg gagaagaccg acaaagcgga gaagccagct tcgaaaccct ctagcattta 120

ttttttaaaa agcgaaaatt cattttaaag gggttttggg tcaat 165

<210> 12062
<211> 177
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-087-Q1-E1-D6

<400> 12062

gcccacgcgt ccggtttaca gggattggta ttggtaaaga agatgattgg atcgttgtag 60

tcctcactac caacacacca gaaggaagct attctacagc tactcctaca aaacaagagt 120

ctaantggct tcacctttgg tattggntcc tccgnttagn ttaattttag gtcnant 177

<210> 12063
<211> 186
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-087-Q1-E1-D7

<400> 12063

gcttttgcct tctctaacca gtgtttcgtg attttgggtg atcctagaaa tgggagatgg 60

ggctgagatt gtaaccaggt tatatgggga tgagaagaag cttgcagagg atggtanaat 120

tangtgagtt ggtgggatct gatgaagtga aaggatagat gaaaganagg nagggtcntt 180

ntggaa 186

<210> 12064
<211> 193
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-087-Q1-E1-E1

<400> 12064

ggtctcatct acaacatctt agtacttaac ttgccacttg gctcgtttct cttctcgggt 60

ctcctcgctg gcttcctcta cgatgcagag gcaacaccaa ctcctggtgg gggcaacacg 120

tgcgtaggag ctcattgcta ccgtctcatc ttcaatagtc aatgggccaa tttaagcctt 180

tcctggttta att 193

<210> 12065
<211> 267
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-087-Q1-E1-E11

<400> 12065

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tccggaagct tttgttcaat cttctggctg aagaaacgag gactcatgcc tggattaaca 120

ttctcaaacg aattgatctc acgtgacgaa ggtttacact gtgatttcgc ttgtctactc 180

tacacgctac tcaaaacaaa gcttagcgaa gaacgcgtga aatcaatcgt ctgcgacgcg 240

gtcgaaatcg agagagagtt tgtgtgc 267

<210> 12066
<211> 189
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-087-Q1-E1-E3

<400> 12066

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tgcagcttat cgagcatacc aaactctgtg gttttattga cttctctacg ccatgtaata 120

tgcgantaga gaggctttat ggatgtggga aaaggtccan gaaagggcgg gttggcaggg 180

gacctttca 189

<210> 12067
<211> 188
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-087-Q1-E1-E5

<400> 12067

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ggaggtctta gtggtggtgg tggtggtggc gatggaggta agaatgatgg agatggacac 120

gggtgacgag gacagggata ggaacaagga aacgaagggc gaatgccttt ttggttgaaa 180

agggaagt 188

<210> 12068
<211> 179
<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-087-Q1-E1-E8

<400> 12068

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tcaaaattcg agatggcagt gaaatcggat aagctcttca cggctatgat ttcattggat 120

ggtactaaag gcggatcagt ggattcgtgg nagggatgnc ttgcantgng taatgattg 179

<210> 12069
<211> 198
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-087-Q1-E1-C1

<400> 12069

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aactgtttct aaagcacctt acgttctaac cgtacatctg aagcggtttg aagcacacag 120

atccgaanaa aatcgatagg aaagtagatt ttacctcctg gcaantttgg accantgaaa 180

aacccctttt tccgntct 198

<210> 12070
<211> 186
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-087-Q1-E1-F1

<400> 12070

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aaatccatca ctccccccct caatcatttc cctgctctgc tggccccaga aacagcttgc 120

taggattcac tacgacgtcg tttcgggttc gtctccaagc tgtgggataa tgggctaatt 180

tcctcc 186

<210> 12071
<211> 205
<212> DNA

<213> Arabidopsis thaliana

<223> Clone ID: LIB25-087-Q1-E1-F12

<400> 12071

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aatgactagt agcgaggaag tagttgaagt gacggtggtt aaagcacctg aagctggcgg 180

aggaaagtta tcacgtcgga agatt 205

<210> 12072
<211> 186
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-087-Q1-E1-F2

<400> 12072

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agctccccct gacctccccg attcggcgac tgttgctgat ctgcaagaag cgtttcataa 120

gagagctaag aagttttacc cgtcgaggca aagactggac tccttcccgg tgnactcccn 180

tgggna 186

<210> 12073
<211> 190
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-087-Q1-E1-F4

<400> 12073

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aaacatctta aagctatcgc tatgcgtcag cctagtcgtg gttggatcat atgctcaggc 120

tcccgcacca tggaatccat ctaatgggtt tcgtccgggg aacantggtg aaccacctan 180

cggaaggtgg 190

<210> 12074

<211> 112
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-087-Q1-E1-F5

<400> 12074

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cgatgctttt gtcgaaggat tccgggcgna anatcaaaca angcctttcc ct 112

<210> 12075
<211> 166
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-087-Q1-E1-F6

<400> 12075

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ccactacccc caagtactcc aaggccaggt acgantgnaa atcatcaagg aggtgtcctt 120

cctacnttgg aangaaaagg gtttgggtnt aacaaaacnc ccccgg 166

<210> 12076
<211> 156
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-087-Q1-E1-F8

<400> 12076

tttaacttcg aattagggtt tatcaggatt cagtcgcctg ctcacttgaa tttcttcgca 60

agctcaaaaa gttccganat ttttgaagga aagatggtga ggccgtatgg gattaanngt 120

gaacaagaag aagaggagga ggagganagg gaggag 156

<210> 12077
<211> 189
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations

<223> Clone ID: LIB25-087-Q1-E1-G1

<400> 12077

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ccagattcac gacgatctcc gacgcccaaa agagccggnt taagggtggg nttccctcct 180

cccaaggaa 189

<210> 12078
<211> 176
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-087-Q1-E1-G4

<400> 12078

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tgggttctct tctgctgttt gggtctgaat gggggtcaaa ccaggaagna ggggac 176

<210> 12079
<211> 171
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-087-Q1-E1-G5

<400> 12079

catcaaccta tagatctcac tcacataatc aacctacaaa acaaaaacaa gaatgggtag 60

atccaacgag caagatctgc tctctaccga gatcgttaat cgtgggaatc gaaccatccg 120

gtcctaacgc cggctcacca aacggttctc ggggttaagg gggttcaagg g 171

<210> 12080
<211> 188
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-087-Q1-E1-G8

<400> 12080

tgatgtttgg tatgtagctt ttggatgagc tacaaagtga tcagtggcct gttaagccag 60

gtcatcggtc ccaacgatgt acaggcgtgg cattgagtgt agctgcagga ttgcttggaa 120

gcttgcttgc ctggaactgg ggctaagaat tgtaagcctt ttggantcgg ggagnggtcc 180

caantggt 188

<210> 12081
<211> 188
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-087-Q1-E1-H1

<400> 12081

gcaaattata atccttgaat actttggcta tggcggtgtt tatgtttaat gatcaaaaag 60

ctctgttttt tatgcaagcg tgggtataaa atccagttcc ttttccgatt ttttgttctt 120

ccttcttctt cacttccttt ttttcttctc catttctcaa aanaggccac tcctttgcct 180

taatcctt 188

<210> 12082
<211> 168
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-087-Q1-E1-H10

<400> 12082

tggttgttgt gtggggattt gcagctatct gtttcttcat agcattacct acacactctt 60

ggctatggct catttcaatc ttcaattcga ttcaggtctt catgacatgc gtcaagtaca 120

tcccacaggc aaagatgaac ttcactagga agagcacagt cgggtgga 168

<210> 12083
<211> 162
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-087-Q1-E1-H3

<400> 12083

ttgacactag cgatgataat agaacaccag ttcaagaaaa gaaaggcttg ccagatcaat 60

gcagtagtgg tgcattgagc cctgctgttg acactagcga tgacaggcca ccagtttctg 120

aaaagaaagg cataccanga tcaacacagn ttgccgggtg ct 162

<210> 12084
<211> 195
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-087-Q1-E1-H4

<400> 12084

tncgaacagn ngncatcntt ancccggnag caaactacac tattgaattg cctgcttctg 60

aggcttgcac gctttcatgg gagcttaggg ttttgggtgc tgatgtnagc tacggagctc 120

agtttgagcc aaccacccga aggaagctat gctgtgatcg tctctaagac acggaaagat 180

tgggactcaa acccg 195

<210> 12085
<211> 94
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-087-Q1-E1-H7

<400> 12085

ctcactcgta tctaccagca ngctttanaa gcttcaattg cccggaactt cacagatnat 60

ggtatgcatt atcgttgtca tggtggtcat caaa 94

<210> 12086
<211> 214
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-086-Q1-E1-E3

<400> 12086

ctccaacact aatctcttta tgttcaacac tatgatcaga ggttactcga ttagcgatga 60

gccggagcga gcattttctg ttttcaacca attgagagct aaaggtttga ccttggaccg 120

attctcgttt atcacgactc ttaaatcatg ttctcgtgaa ttgtgtgttt caattggtga 180

gggattgcat gggattgctt tgagatctgg gttt 214

<210> 12087
<211> 211
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-086-Q1-E1-E7

<400> 12087

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ggctcacata aagatctaac agagacagta gtatagtccc acttccccac caccaaagct 120

tcgatcatca tcatcatcat catcatggat ccggatccgg atcataacca tcgacccaac 180

ttccctctcc agcttcttga ttcttctacc c 211

<210> 12088
<211> 176
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-086-Q1-E1-E8

<400> 12088

atacacaact ctctcttgtt tttctttttc tgtagatttt ctgtttattc aaaaacttat 60

ttttttcgtc caaaatttga ctttcctgag aactaatcat catcatcatg tccgatggtt 120

atcgtagttc taagaagacg gatactatct gcgaagatgt ttgtggacag gaagga 176

<210> 12089
<211> 63
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-086-Q1-E1-E9

<400> 12089

ncttgcnact aaggatgctc ggtaaatctg cgaccaacta ctggtgcaag tcncagaagg 60

aat 63

<210> 12090
<211> 217
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-086-Q1-E1-F1

<400> 12090

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ctccgttact tgtggatctt acgcaatgta tagagttttt gcgagccgag cactgagagc 120

taagtctctc tgtgacaaat catccacctc gcttgcttct ttgactctct ccagattgaa 180

tcattccata ccttttgcta ccgtagatgc cgaggag 217

<210> 12091
<211> 212
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-086-Q1-E1-F10

<400> 12091

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agttttaatc tttcactcga attttgagaa gctaagctcg attcaagagc aagttcctag 120

cttctgttta gggttttagg acttttgtag gattctggta cagttttcag tatctatagg 180

ctttgttgtg ttctacgtgg tgtagatatg ga 212

<210> 12092
<211> 203
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-086-Q1-E1-F11

<400> 12092

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agtttccgat atggctcgct cgtttggagc taacagtacc gttgtgttgg cgatcatctt 120

cttcggatgt ttatttgcgt tgtcctctgc aatagaagag gctacgaagt taggatcagt 180

gatagggata gatcttggta cta 203

<210> 12093
<211> 203
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-086-Q1-E1-F3

<400> 12093

tcgcttgtct gatttcaaaa acaatgagaa gatagttctg attatataac acacaaaccc 60

tacttcattc cttcatcatc gtctccaatc attacccaaa gatccgtctt tttctttact 120

tcatgtcgaa gcaaacgtac aaagtgtgtt tctgctttcg ccggaggttt cgttacactg 180

catcggaggc accgcgtgag atc 203

<210> 12094
<211> 254
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-086-Q1-E1-F4

<400> 12094

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acctganatt aatcttttga tcnctcacgc aatatgactg cctcgagttc tcagtatcgt 120

agaactcgaa actggagaat tagaagttcg tcggaagata atgtancaat ttcgagtgac 180

ggcggagatt tgaagaattc tctgtccggt antgtgggaa atcaagtgga aggagctatt 240

gagcaganaa gaga 254

<210> 12095
<211> 210
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-086-Q1-E1-G10

<400> 12095

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agcaacattt agcttctgca aactccagtt catctctcaa ccctcatatc gccgtgtttt 120

ctcgctctag taccgcgagc tcggacgaac caggaagcaa tccgttaatc tagaagcggt 180

gttgagaaga tgacgattac atcaaatatc 210

<210> 12096
<211> 266
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-086-Q1-E1-G12

<400> 12096

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cggacacgta tagatttggt tgcagcttcc catctttact tgaagtatgt ggtgcagaga 120

ccgttaccat agaagacatt agctccatga gtcaggattc tcagtttgga gagattaatc 180

gcatgatatg tgtcatccca aaaagtgcag gagacaaatt tggccgtttc aagcatctca 240

gtttgttatc tagagtgaac gagatg 266

<210> 12097
<211> 218
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-086-Q1-E1-G3

<400> 12097

acaaatagag gcagagagca gaagaaagac gaaacagagg attttcatag agaatcctct 60

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tgaaacaaca tctcattgtt atgaatgttg atgcattctt ttatgtaaac ttaacttttt 180

acaggtgacc tctctgaaag attgtaaggt tccttaca 218

<210> 12098
<211> 215
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-086-Q1-E1-G6

<400> 12098

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aaagggtttt gcttcnaatt caagtgtctc ccttcacttt ctcgctctct attgctgctc 120

tgtttctgct gtcaattccc taagaaagtc ctgattttta gggtgatcga gagaagttgn 180

agaatcatgt tnattgagtt tccttttttg atcca 215

<210> 12099
<211> 85
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-086-Q1-E1-G7

<400> 12099

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attcgagttc cttcaagagn gtcag 85

<210> 12100
<211> 212
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-086-Q1-E1-G8

<400> 12100

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caaggttaac tttgatgcaa agaacgagta cgatatgata caaagctaca aggncntgca 120

agatgtgttc aacaattctg aaaattacaa agccattgga aattaacagg cttgtnanag 180

gccggccact gnnnaacntg gantttctgc aa 212

<210> 12101
<211> 190
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-086-Q1-E1-H4

<400> 12101

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ctttgtctct cncctaacct ttattgtact agcataacca ttaccataca tactcattca 120

ctatcacgcc acatncgcag attcatcana tcttcttctt gttcatagca tcgnccatca 180

ctatntgggc 190

<210> 12102
<211> 217
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-086-Q1-E1-H5

<400> 12102

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tctcggcata actttcagtg catggatcgt acccggccgg aaacttgtcc cacaaatcgt 120

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accaccaana aaaccnaaca atgntanaan aatttnt 217

<210> 12103
<211> 217
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-086-Q1-E1-H6

<400> 12103

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ggttcagttt catctaaaga cagtagaaga aatcaga 217

<210> 12104
<211> 212
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-086-Q1-E1-E11

<400> 12104

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aagaaacaga gttggtgtta gatgcaggtt tcgaggctcc tcacaccaac tcttttggtc 180

gcaccttcag ggattatgat gctgagagtg ac 212

<210> 12105
<211> 173
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-086-Q1-E1-H7

<400> 12105

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taggggtaat aacgctgaca ggaggaaacc tgtggtcaac agtgacagtg actatgatgt 120

tgatgggaca gaggaagctt caggttcagt ttcatctaaa gacagtagaa gaa 173

<210> 12106
<211> 196
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-087-Q1-E1-A12

<400> 12106

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tcaagagagg gattaatctc gccattcgcg accatcgtag cagcgatcct tacatcgttc 120

tcaacgtcgc cgatcagaca ttgaagacac gtgtggtgaa aaaaaattgt aacccagtat 180

ggaatgaaag aaatga 196

<210> 12107
<211> 183
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-087-Q1-E1-A2

<400> 12107

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agcgagcttt tcagcttatt agagcttggg gacaatccca aggatcttac ttaatccttc 180

cct 183

<210> 12108
<211> 254
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-087-Q1-E1-A3

<400> 12108

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tcttgccant gctgtttcga gctctcctca aagccctaat tttctcctct tcttcttcat 120

tctctcacca tgaagctcgt caggtttttg atgaaattga acaacgaaac agtttcaatc 180

ggaggcttaa gaacggaacc attggttcaa tgggaaccca atttacctgg ntggtangaa 240

ttggttttaa ggca 254

<210> 12109
<211> 185
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-087-Q1-E1-A4

<400> 12109

gaaagtgaca aggagaggaa gaagaagaaa aaaaacataa tttgaggaag aagaaaaaaa 60

attcggattt gttttttcaa taaattgact aattgagtac tcgtttaaag gaagtgaaga 120

gcggtttttt ggtagtggtg gtcgagaaaa gagagagttt gtctctgtga ctcaggagtg 180

aaaat 185

<210> 12110
<211> 180
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-087-Q1-E1-A5

<400> 12110

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<210> 12111
<211> 192
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-087-Q1-E1-B1

<400> 12111

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aaggagcatt gccttaggaa gggacttgaa gaaatttctc atggtggttt ttgggctgtg 120

gataatctcg gttgtgggaa actggttcaa cttcttgaac tccttggtan taccaatcct 180

ggtttttttg gt 192

<210> 12112
<211> 202
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-087-Q1-E1-B10

<400> 12112

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aatggcaaac cacttcacct agatcctggg ctagacaggc tcgtgcacat ctctcaggtt 180

gctttgggag agagtaagaa ct 202

<210> 12113
<211> 202
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-087-Q1-E1-B11

<400> 12113

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tctggccaca gttcgcttca gatgatggtg agggggtct acctaaaatg gcttttaata 120

acctatcatc agctcacatg gggagacatt tcccaggaat attagcttca acctccattg 180

atggtggatc tattcgaggt at 202

<210> 12114
<211> 197
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-087-Q1-E1-B2

<400> 12114

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tcgatcgtta agagaatccc cgtctatgga ggttccttca tttctatgaa acatatgatg 120

ttagttccaa gctgatttga gctgggagct gctcgtttct ctgggtaatg ccacctcctt 180

ttgganttaa aaacaac 197

<210> 12115
<211> 157
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-087-Q1-E1-B5

<400> 12115

gtcttttgaa gaagaagatc ctgtttttg gagatgcctg ctgctgtant tgatggacat 60

gatcaagtca ctggtcatat tatttccacc accaatcggt ggcaaaaatg gatgaaccaa 120

naacaggaca attaaggtta acaatgggcg ggnagnc 157

<210> 12116
<211> 169
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-087-Q1-E1-B8

<400> 12116

cgattcgaga gtagcaatgg ggattctatc atggttcacg ggaagtccta agccatcaca 60

gtccgagacg tctaagccgg agatgattca gatgccgaaa tcagaanact ccagccccgg 120

ggatgaatgg agccaataga agttcctcgg gcccggattc ggcgncgga 169

<210> 12117
<211> 385
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-085-Q1-E1-G9

<400> 12117

tctccggcaa tccctaaaca cggcggcatt cccacggtgg ttcacttgca cggaggtatc 60

cacgaaccaa ctagcgatgg aaatgcagat tcatggttca ccgctggttt caaagaaact 120

ggttccaaat ggaccaaaaa gactacacat tacgtcaaca agcaacaacc tggaaacatg 180

tggtaccatg accacgcggc agggttgacc agagtcaacc ttcttgccgg tttgttaggc 240

tcttacattc tccgtcatag ctcagtcgaa tcgcctcttc ggttacctac cggacgcgaa 300

ttcgatcgtc ctttggtcat ctttgaccga tcttttcgta aagatggttc catttacatg 360

aacgctacag ggaacaatcc aacga 385

<210> 12118
<211> 409
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-085-Q1-E1-H3

<400> 12118

caagtgatcc ttcactctct atactgcgat ttaccgttct tctgactctt gttgcgaatt 60

cggatcggct gacgcagctc cgattgcaca acaatggctt ctcgtatcat caatcattcc 120

aaaaagttga aacatgtttc cgctttactg cggcgtgacc atgctgtggc agtccgctgt 180

ttctccaaca gtacccaccc ctctctcgtt ggaagagaag atatcttcaa ggcccgcctg 240

aattattcct ctgtagagaa gaatttcaaa atgtgggtac tggcaatgta acaatgctta 300

agtgggtatt tcaacaacga agcacaaana ctaagcagcc caatggcang gaccaaaaac 360

tantttaagg aatttataag ctcccaaatg cgattagtga gaaggattt 409

<210> 12119
<211> 402
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-085-Q1-E1-H7

<400> 12119

agataggaga agggaacgga gatgatccct acttattcac tactaacaac ttcgccggac 60

gacaaacatg ggagtttgat cctgacggag gctcgccgga ggaaagacac tccgtcgttg 120

aggctcgccg gattttctac gacaatcgtt ttcatgttaa agcaagcagc gatctcttgt 180

ggcgcatgca gtttctgagg gagaaaaagt ttgagcaacg gatagctccg gtgaaagttg 240

aagactccga gaaggtaacc tttgaaacgg cgacgagtgc attacggaga ggtattcatt 300

tcttctcggc gttgcaagcc agcgacggtc actgggccgg cgggnaaatg ccgggccctt 360

tggttttccn tccgccaatn ggtgtttttg nccttanana aa 402

<210> 12120
<211> 385
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-085-Q1-E1-H9

<400> 12120

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gatggcttgt ctcagctggg taaaggtggt gcagttctca tggtgtgcag gatatgccac 120

aagaaaggag atcactggac atcaaaatgt ccatacaagg atctagctgc accaaccgat 180

gtcttcattg acaagccacc cacaggggaa tcatctacca tgtctgctgc acctggaact 240

ggcaaggccg cgtatgtccc gcctagcatg agagcaggtg cagacagaag cgctgtgggt 300

tcagacatga ggaggaggaa cgatgagaac tctgtgcgtg taaccaatct gtccgaggat 360

acccgtgaac ctgacttgat ggagc 385

<210> 12121
<211> 215
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-086-Q1-E1-A10

<400> 12121

actatcagtc tctcacctaa cagcttccac gtgtcttcct cgcgaaagta atggcattgc 60

cattgtatgg ttgcgttaag aattctacag atcattcatt ccccaattca atacgaagac 120

gaagttgtgt gataatcatt cattaatcac acatttgatc tgagcgaggg agagagagaa 180

agagatcttg tccgaacgat gaaggcggag aagaa 215

<210> 12122
<211> 218
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-086-Q1-E1-A4

<400> 12122

atagatagag ggagaagaag aagacgaaca cggagctgaa acaatgatta cgatcccata 60

ccttaccgct gtatcaacgt atttcagcta cggcttgctt ttcgcgtttg gtcagcttcg 120

cgattactct cgcctaatct tcgattggtg gcgcaccaac aatctccagg gatacgctcc 180

gatctgcttg gcgcatgagg atttctacat ccgacgat 218

<210> 12123
<211> 194
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-086-Q1-E1-A6

<400> 12123

aaacttcgtc tccgttaatt cgcactctcg ttctcgtctt cgtcgccgga ggtcgtatca 60

agtcagccct caacgatccg atttgttttt tcagacaaag gttgattctc tgggtatgag 120

ttttcttcta tgagacagac atgttgtatt tggtgcttaa tgactaggta atgaaggcta 180

tatgtgatag attt 194

<210> 12124
<211> 209
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-086-Q1-E1-A8

<400> 12124

atgttctact tcagcacgca ttctctactc gataagaaga tgatgtcaac tacgatacaa 60

gccatcaaga tatcaaagca actaggcaat gtcatttttt atgacttgaa tctcccttta 120

ccactatggc actccagcga agaaaccaag tctttcatac aggaagtgtg gaatcttgca 180

gacgtcattg aaatcacaaa acaggaaca 209

<210> 12125
<211> 222
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-086-Q1-E1-A9

<400> 12125

tttttttgg tcaaagtctt ttttagaccc cctttatttc taattttccc ttaataaaat 60

agtagagagt aaactataaa agcaaacaat taaattcatt agcattaaaa acataacaag 120

atctttagaa ccacaataat agtttgatac taaataagta aactcttaga gaggtaagta 180

tatataacca actactacta gagaggtaaa caaaacattc ct 222

<210> 12126
<211> 214
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-086-Q1-E1-B2

<400> 12126

gccagattct ctgaaatggt gttttgaggc tgcatggata cttgcgcttt cttatttcat 60

tgcatacttg gagactattg ctatcgcaaa ttttccttac tatgagtttg tggaccgaag 120

tgccatgtac agagttggat gtcttttcta tgccatttac ttcattgtga gcttcccaat 180

gttcttcagg atggatgaga aatcaactga tgaa 214

<210> 12127
<211> 224
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-086-Q1-E1-B4

<400> 12127

agagcttcat catccatgta ttagtagaaa tgtggggatg cttcttcagc agtataagtg 60

ttttggatca tcagcagctt ctttaattca gagaaaccct ttgttttcgt cgttggattc 120

gaaagatgtt agctacttta aggagatatt aggtgaaaaa aacgtggttg aagataaaga 180

aaggcttgag actgctaata cagattggat gcataagtac aaag 224

<210> 12128
<211> 214
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-086-Q1-E1-C11

<400> 12128

gttgagaaga agaacatctt ccccactctc tcccttcttc ttcttcttct tcaactcaaa 60

aaacttctct ctctctctct ctctctctct gaatcaatta aaaaacggtt ttgggttctt 120

gtcctctgtt ctctagtggc ttctattatt ctcattggtg gctgttccag ctctcttaag 180

gtctccttag tgtgatctca gatctgattg gtcc 214

<210> 12129
<211> 270
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-086-Q1-E1-C12

<400> 12129

ttggtagcct tcaggtancc aatccggaat taccgggtcg acccacgngt ccggaaaata 60

agaaaaaaca aaagatgaaa accattatcc tttttgtaac atttcttgct ctttcttctt 120

catctctagc cgatgagaca gagactgaat ttcattacaa acccggtgag atagccgatc 180

cctcgaaatg gagcagtatc aaggctgaat ggaaaatttg cgggacaggg aagaggcaat 240

cgccaatcaa tcttactcca aaaatagctc 270

<210> 12130
<211> 216
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-086-Q1-E1-C3

<400> 12130

gctaaatctt caattcacat ataccaaaga aaaaaaaact tcagattcat taagtaaaac 60

agaaaaattt ctaccttcaa gaagcgtcct cttctgttct caccgatatc gaagtaaaac 120

acctgaataa agcaacaaca gcagaaatta aagagagtgg aaaagtcaac gatcgccaga 180

agagagtgat gataaagttg aaaccttgga atcaac 216

<210> 12131
<211> 220
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-086-Q1-E1-C4

<400> 12131

caccctgat tgcttagctg gattgacatt tgtaattagc ggaacacttg acagtttaga 60

aagagaagaa gcagaagatc tgattaagcg gcatggtggt cgtattacag gctctgttag 120

caagaaaacg acctaccttt tgtgtgatga agacattggc ggaaggaaat ctgaaaaagc 180

taaagagctg ggcactaagt tccttacaga ggatggccta 220

<210> 12132
<211> 281
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-086-Q1-E1-C6

<400> 12132

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atcagcccac gcgtccgata aaatcaatan angagagctt ttctaagaaa ggcacaatcg 120

ttgcctcgtt tcaagagctt ttctctctct cttgaagaaa attttctaga tcnagattta 180

gttttctggg tagtgttctt catcgcaggc caaagtcttt atacgatggt tcaggagtga 240

gctcgttact cttcgccgtc aacggtggtn aggtntgnct c 281

<210> 12133
<211> 220
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-086-Q1-E1-C7

<400> 12133

cattgtccgg ttctccaccg ttatccatga gcgtggaagt cccgagacct tgagagaccc 60

tcgtggtttt gcagtcaagt tctacaccag agaggggaac tttgatcttg ttggaaacaa 120

ctttcctgtt ttcttcatcc gcgatgggat gaagttccct gacatggtcc acgctcttaa 180

gccgaaccca aaatctcaca tccaagagaa ctggagaatc 220

<210> 12134
<211> 405
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-085-Q1-E1-G6

<400> 12134

gtatggagtc tancttgcat agtgtgattt tcttaggttt gcttgcgacg attctggtta 60

cgaccaatgg ccaaggagac gggacggggc taaatgcana agaaatgtgg ccagtggagg 120

tggggatgga gtatagagta tggaggagaa agctgatgac gccattggag ctgtgcttgg 180

agtgcaaatg ctgctcctcc accacttgtg ccaccatgcc ttgctgtttc ggcatcaatt 240

gccagcttcc caacaagcca tttggcgttt gtgcctttgt tcccaagtca tgccattgta 300

attcttgctc catttgactg tatttttgct tctaccaaca tgatgctata aactaanatt 360

cangnaagga ngaagcacan nnccnttgan gnatgggnnn accng 405

<210> 12135
<211> 254
<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-086-Q1-E1-C8

<400> 12135

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ttcgaaaatg ggtgcgtaca antatgtanc tgagctaaga agnaaaaaat agtcctatgt 120

gataatgatt cctccanagg gttaggtgct gggagtacag acagcaacct tcgantgttc 180

gtctcgtcag gcctactcgt cctgataagg ctcgtcgttt gggttacaag gccaagcagg 240

gctttgttgt gtac 254

<210> 12136
<211> 200
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-086-Q1-E1-D1

<400> 12136

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gtatcgctcc ctcacagtcc ctgagctcac ccaatanatg tgggactcna agannatgnt 120

gtgtgctgca nagccaaggn acggacgcta cntcacaggc tctgccatgt tccgtggcaa 180

gatgagcaca naggaagntg 200

<210> 12137
<211> 197
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-086-Q1-E1-D12

<400> 12137

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gaaaacagag acaatttata ggtcggtgac ttgcaagtcg tcgtttaaaa tgttaagaaa 120

aatcttgtac cattgttgtg ttatgtttcc tctttgagtg tctgtgtttt atctaagtct 180

tgagctataa gctgtgg 197

<210> 12138
<211> 224
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-086-Q1-E1-D3

<400> 12138

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ccggcgattc caaatccgac accattctct actgcaacgg ccgctctgtc ttcatccgga 120

gcctccgcca actccaagac gtccaagttt acggcgaaca tggctatgct gttaccgttg 180

ctcgctactc tcccaacggc gaatggatcg cttccgctga tgtc 224

<210> 12139
<211> 210
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-086-Q1-E1-E1

<400> 12139

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aaccaggagg aaggtcgccg acacaagaag ctaatgagcc accagttccg atttacattg 120

tgacggatcc gtttcaactt cctgctgatt tcctaaaccc ttctcctgaa aagaaattgg 180

ttatcggttt tgactgtgag ggtgttgacc 210

<210> 12140
<211> 194
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-086-Q1-E1-E10

<400> 12140

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agttggagca gttgggttcc agaatcggcg gcttgagatc cccaaggaac ttgatcctgt 120

ggtgggaagg atcatcctgg aatgttggca aacggatccg aatctgcggc cgtcatttgc 180

tcagctgacg gaag 194

<210> 12141
<211> 245
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-084-Q1-E1-A1

<400> 12141

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atttgttcaa atgtgtaatg atgataatgg tgttggttgt ctcttgtggt gaagctgttt 120

ctggagctaa gttcgatgag ctttatcggt caagctgggc tatggatcat tgtgtcaacg 180

aaggcgaagt cacaaaactc aagcttgaca attactctgg agctgggttt gaatcaagaa 240

gcaaa 245

<210> 12142
<211> 283
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-084-Q1-E1-A11

<400> 12142

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cgtcaagttt tccgtcaacc aacctctcag gtgactcgta gcttatcgac ggccttaaac 120

taccatctgg attctcctga taacaaaccc gatcttccat gggagttttc agaggctaac 180

caatctaagg ttaaggagat tctctcttac tatccatcca attacaagca gtccgcagtt 240

attcctctcc tagatcttgc acaacagcag aatggaggct ggc 283

<210> 12143
<211> 249
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-084-Q1-E1-A3

<400> 12143

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gatttaggtt tttcaaagct aagtgtttgt gttgtgataa tgactagtag cgaggaagta 120

gttgaagtga cggtggttaa agcacctgaa gctggcggag gaaagttatc acgtcggaag 180

attcggaaga aagacgccgg tgttgatggt ttggtgaagt gggagagatt tctcccgaaa 240

atcgcgctt 249

<210> 12144
<211> 242
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-084-Q1-E1-A5

<400> 12144

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tcctatttcg attagtgaga ctgcaacaga agcttctttt gctgctagat atggttgctt 120

ggtacttatt gaaaacgttg agagattgga tgttggtgca cttgtttcga taagaggcgc 180

gggtcgtgtg aagatttcga ggtttttagg ggcagatcct tacttgtccg gagaggtcag 240

at 242

<210> 12145
<211> 280
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-084-Q1-E1-B11

<400> 12145

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atctcgtgtg acttgagatt tcttctcatc ccggcagctt tcatgttcat ctacatccag 180

atgaggcttt tccagacgca atcacagtat gcagatcgcc tcagttccgc tatcgaatct 240

gagaaccatt gcactagtca aatgcgaggc ctcatagata 280

<210> 12146
<211> 195
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-084-Q1-E1-B2

<400> 12146

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tttcttcttc ttttttcaag aacaataaan aaatgtctca agattctgca actactactc 120

cgccgctacc tttaacctcc gacgtttcaa tgccttccgg tgaanaagat ganccatagc 180

atgttcatcg gaaga 195

<210> 12147
<211> 244
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-084-Q1-E1-B4

<400> 12147

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cttagggttg gagaatgttg gcgttaaaat ggcgaaaaat ggagcaatag aggttgacga 120

atattcacag acatctgttc catccattcg gtcagtaaca tccccaacag cccagatgga 180

tggaacagat gtctgtgaat attcgtctgg gctgttgggg atgttactga ccgaatcant 240

ttga 244

<210> 12148
<211> 246
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-084-Q1-E1-B5

<400> 12148

ttgcagaaag aggttataaa aggctccgaa atatttcatc cgaaccataa acttgttaac 60

acacctaaag aacaatgatg cagtaatggg aatgaataca cacgtccatt tgactgctgt 120

gatggaaagg attttataag caaatagtcg taaatactgg cggaagaaaa tgatatttta 180

cggctgaatc atcaccggag aatgagagga agatgttcgc ttacaggact ctgtttagga 240

ttgacc 246

<210> 12149

<211> 244
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-084-Q1-E1-B7

<400> 12149

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aatcaaaatc atttcttttg ccgactaatt gaatttctta gaattcaaca tacgcaatga 120

aaatgttctc gtcacaaaga ttagactaat ccgactgtgt ttttaatcaa tcatcatttt 180

atttagggga gagaagttgt aaagttttga ttttttttttc tgggtttttt ctgtgagacc 240

caga 244

<210> 12150
<211> 283
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-084-Q1-E1-B9

<400> 12150

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attgattttg tttgatgatc gttgggtttt gaaagaagag caatgagcaa ttatgcagcc 120

ggactcggta agcctggctc aggtaaaagg agaatcagag atcttttaaa tcaacctgat 180

aaccgagtct gcgctgattg tggcgcttct gatcctaaat gggcatcagc aaatatcgga 240

gtattcattt gcttaaaatg ttgcggtgtg cacaggagcc tct 283

<210> 12151
<211> 67
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-084-Q1-E1-C10

<400> 12151

ngctctctca tnccttttcgt catctactct acacacaacc atcnctgcat tgaaatctcc 60

tcatcgg 67

<210> 12152
<211> 276
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-084-Q1-E1-C11

<400> 12152

acttcgccag cgttattgtt aacaagaatc atcagattag tcgccgtaga tctgaatcaa 60

cgtcgtaaca gtagcagaat tttgcggtga aacgatggtt ttggttacgt ctgtgcgtga 120

ttacattaac cggatgcttc aggacatctc cggcatgaag gttctcatac tcgactccga 180

aacggttagc aatgtaagca ttgtgtattc acagtcagag ctgcttcaga aagaagtgtt 240

tctggtggag atgatagatt caatatctgt gtcaaa 276

<210> 12153
<211> 245
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-084-Q1-E1-C2

<400> 12153

agtctcaaag gtatgactgc tcttgtgacc ggtggagcca gtggaatcgg ttatgccata 60

gtagaagagt tggctggttt tggagctagt atccatgtat gtgacatctc tgaagctaag 120

ctcaatcaaa gtttaagcga atgggaaaag aaaggttttc aagtaagtgg ctcagtttgt 180

gatgtagcct ctcgtcccga gagagaagaa ctgatgcaaa ccgtctcctc gcagttcgat 240

ggcaa 245

<210> 12154
<211> 251
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-084-Q1-E1-C3

<400> 12154

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gatagccaac atcacacaaa catagagatt ccaaaaaata aaaataanga aaacataaat 120

cctctgagga aaaattccga tgagatgaca gaaggtggag aatattctcc ggcgatgatg 180

tcagcagagc cattcttgac catgaagaag atgaagaaga gcaaccacaa caagaacaat 240

cagagaaggt t 251

<210> 12155
<211> 224
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-084-Q1-E1-C6

<400> 12155

ggctcagacc caccaatacc aatttttaa agagatttct gtcacaagta agaaagaagc 60

actaattaca aaaaaaaaga aaaagaatca atcttttgtt cttcgattcg atttctaatc 120

aattagattg tttttgtttt gtttaacatc agttgcgaat cgagctggat tcttgggctc 180

gctttttctt tcaatcaaaa gtttcgatat tagtgaagga taac 224

<210> 12156
<211> 230
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-084-Q1-E1-C8

<400> 12156

acaaaaaaac tcttttcttt ttgtctgctc gtttttcttt tcataatggg agccttggaa 60

gcagaaagag ccgccaacaa tgctacggcg ttagagacac agtcgtcacc ggaagatctc 120

ggtcaaccat ctcctctgcg taagatcatc tccgtcgctt caatcgccgc cggtgtacag 180

ttcgggtggg ccttacagct ttctcttctg actccttaca tacaactcct 230

<210> 12157
<211> 282
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-084-Q1-E1-C9

<400> 12157

cgagnccatt cacgatgatn aacagcttgg tanctccaat ttcgccgtcg tcctcgtaca 60

aatccccatg ttcancgaac ganaggttta taagctatca ataggagcgg cgtgtggact 120

ttcctggccg tccgatcgtc tcgtgattca agtgttanat gactctacag atcctactgt 180

taagcaaatg gtggaagtgg agtgtcaaag atgggcaagt aaaggaatca atattaggta 240

tcaaataana gagaatagan ttggttacaa agccggtgct tg 282

<210> 12158
<211> 232
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-084-Q1-E1-D1

<400> 12158

caatttctcg ttttttttg tttatcatca aaagttttaa tctaaattac gtatcaaatt 60

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aaagtgatag aggagaggga taatgaattg gtgttggatg gaggttttgt ggttccaaaa 180

tcaaaggaaa ctgatgcatt cgatgctcct gatatgaatt tcttgggcca tt 232

<210> 12159
<211> 279
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-084-Q1-E1-D11

<400> 12159

ggaggctgat gatgaagctg tggaaacggg cttccggtgc tctcaaagac cggaaaacct 60

tgtttaccat cggcttctcc cggaaaacct ccttccgcaa ccctgacctt gattctgcca 120

tcatccacgc aacctctcac gatgactcat ctgtcgatta ccacaatgct caccgtgtct 180

acaaatggat ccggtcctct cccgccaatc tcaagccgct tgttcatgct ctttcatcta 240

gggttaaccg cacaagaagc tggattgtag ccttgaaag 279

<210> 12160
<211> 248
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-084-Q1-E1-D3

<400> 12160

agatataact ttgcaccttc ttcgtttggt gcggtcagta aattagaagt atcaagtggt 60

ggtgataaag aacgggtctt taaatcattt ggattgattt atagcaaacc tcaaggttta 120

gtcagacttt attccgcaag agatgtgttt tcacggttct ttggcatcca caagctttct 180

tctatagctg atgctaaaga taaaggagat gaggtagtta gggaagagga gctgtctgaa 240

tcagagga 248

<210> 12161
<211> 63
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-084-Q1-E1-D4

<400> 12161

tttggtgttc ggtgaancca ctttttttt tgttaattcc tctgtttcct tggaattgtn 60

ttc 63

<210> 12162
<211> 233
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-084-Q1-E1-D5

<400> 12162

ttctataata tatcaaccgt tacaaagttt taattacata aagctataac gttttgtctg 60

aattcgaaaa aaatggtgaa gttgttttag ccaccaccgg atttatagat ggcggcgtgg 120

aagtcatgga ttgtggcgga gaaagcacga agatgtttaa ggacgatgtt ctttgtggca 180

gcaatgacgg cgtctctgtt agcttcttca ttaccggttc tgatcacggt ggc 233

<210> 12163
<211> 224
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-084-Q1-E1-D6

<400> 12163

ttgaaatcgt taatcgggtg tttacatgga gttgcttcaa tggagaaaga taacaaaacc 60

aagaatggtt tacatgtagg agaagaatca gatagagaga aaggaatgaa tttgcacatt 120

catattcctg atggtttacc aaaatctgaa caagagttgg aggaagaaga gaaatcgaaa 180

atgccggatt cagctttcac tagattgctt agaagtaaag gaac 224

<210> 12164
<211> 233
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-084-Q1-E1-E1

<400> 12164

tcttaaaccc ctctccgatt ttgatttctg cttgaaattg ttttccccga gatctcaatt 60

tcgataatcg gaaaacgaaa aagatggttt ggtttcaatg cgaagactgt ggagagagtc 120

tgaagaagcc aaaggtcccg tctcacttca agatgtgcag agccaacaag ttatcgtgca 180

tcgattgtgg agaaatgttt gggagagata ctgtgcaagg acataaccaa tgc 233

<210> 12165
<211> 283
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-084-Q1-E1-E11

<400> 12165

gcccacgcgt ccgctccgat gataccggtg ggaccttctt ctttcatatg cgccatcgga 60

ggctctgttg aggagaaatc aacggctgct tctctgccgc gttgggtttc ccttcgtcgt 120

cttcgtccgc ttgagtttct tcggatcggt ggtaagagag aggaaaaggg aacggtaaga 180

gacgacgacg ccgttttgtt ggagagaagg gaccggaacc gcaacgaaaa cgataacgga 240

aactgggttt tgaaaatttt ggaggttgga tcaatctgga aat 283

<210> 12166
<211> 396
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-083-Q1-E1-H8

<400> 12166

accaccaata atgtcttctt ctccggcgat tcttcccgtc accaaccagc aagcagccac 60

tcaatctcaa cctccaatca attctcacgc cttccgtact ttcctctcac gcctctcgtc 120

ctctctccgc gaaagcctct ctcaacgccg tccatggcta gaactcgtag atnggagctc 180

cttcgctaga cctgactctc tcancgattc cttctcccgg atncgtaaga atctcgctta 240

cttnaaagtc aattactccg caattgtctc gttagtcctt gctttctccc tcctctcgca 300

tccattctcg cttctcgtcc tcctctctct cttangntcc tggatgtttc tctacctctt 360

ccgatnttca agattagcct ttggggtctc tttggg 396

<210> 12167
<211> 248
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-084-Q1-E1-E8

<400> 12167

ggggaagagg gtatattctc tgttttgatt cgcttctgtc ttaacacatt gaaattttcc 60

atagaagatt ccattgtgct cttttaatcc tcttctcttt ctctctgttt taaatacctg 120

tctttaatcg cttctctcta tctctctctc ttgttaaatc tcatcggagt tcaatttcag 180

gactctcggc gctcttatga agtgattgtg aagatttgcg tacactaagc ctttgcttca 240

gaaagtta 248

<210> 12168
<211> 66
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-083-Q1-E1-F6

<400> 12168

ggtacngatc tgaccgtntc aagtacttgg gtcaagtctc tggcgatnca ccgatctatg 60

ttatcg 66

<210> 12169
<211> 392
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-083-Q1-E1-F7

<400> 12169

tctgctcacc aacgtctctt tcctcctcct tcgctctctc ttctgctctt ttagtccctc 60

gttcgttctc catgccaggg acaaggagat tcatggttct gtgtagttcc cagaaggaaa 120

gtcagatgac agtgtcagta actggagcaa ctggattcat agggagacga ttggttcaga 180

gacttcgtgc tgataaccac gctatccggg tcttaacacg ctctaaatcc aaagctgagc 240

aaatatttcc tgccaaggac ttcccaggta ttgtgattgc anaagaatcg gagtggaaga 300

actgtgtaca aggctctact gctgttgtga acttggcagg actgcctatt aagtacaagg 360

tgggtctccc gaagatnaag aaagagatta ac 392

<210> 12170
<211> 406
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-083-Q1-E1-F8

<400> 12170

gcttcttctc tcatctccgt ctctcagaga gtgtacactt ctccttctgc ttccgtcatg 60

ctcgagtacc gttgcagctc cgttgactgg aaaccatcac cggtggtagc cctagctaac 120

agctccgacg actctcaagt cgccgccgct cgcgaggacg gttctcttga aatctggctc 180

gtctcccccg gcgccgtcgg atggcactgt caactcacta tccatggcga tccaaattcg 240

agaatctcgt ctcttgcgtg gtgctgttct ccttctatag ggcttccttc tggtcggtta 300

ttctcctcta gcatcgatgg ctctatttct gaatggggat cttttcgatt tgaagcagaa 360

gattgtgctt gagtcnannt ggaatctcga atatgggcaa aatggg 406

<210> 12171
<211> 379
<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-083-Q1-E1-G1

<400> 12171

agagagtcaa tgatgaggca tgccgatcaa gacaagatga tcctagagcc aatttctgca 60

aaaccgatga taccgatgat gtctggtaca agaaaatgga ggcatgtatt acaccgtatc 120

cggagacaag tagctcagat gaagtagctg gtggtgagct tcaggctttc ccagataggc 180

tcaatgcagt gccgcccang atctctagcg gttcgatctc tgggtgttac tgttgatgcc 240

tatgaagacg ataacagaca gtggaaaaaa catgtgaaag cctacaagag aatcaacagt 300

ctacttgaca ctggaaggta ccgtaacatc atgggacatg aacgcaaggt ttggtggatt 360

tgctgctgct cctgaatcg 379

<210> 12172
<211> 386
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-083-Q1-E1-G10

<400> 12172

tattccaaaa tttggtgaaa gcaacgccta aagcaaaaat gtctcttctc taacctttt 60

ttttttttt ttttttgct ctccaacttt cccttcattt tctggggaaa agcgagccaa 120

agaacgcaaa agcaatccac aagaagcaat tgttcgatat caatggggaa gaacaataag 180

atcggaagcg ttgttcggat ccgtcagatg cttaaacaat ggcagaaaaa agctcacatc 240

ggatctanca acaacgatcc tgtttccgat gtacctcctg gtcacgttgc tgtttccgtc 300

ggtgagaatc gtcggagata cgttgtccgt gctaagcatt tgaaccatcc gattttccga 360

cggcttctag ctgaggctga ggaaga 386

<210> 12173
<211> 405
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-083-Q1-E1-G2

<400> 12173

aatatcacag caaaaatttt ctcgagaaaa tccgaagaag acaaaaaaaa tggcggatca 60

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agatggttgt atcaccacaa aggagcttgg gactgtgatg agatcacttg ggcagaaccc 180

gacagaagcc gagctccagg acatgatcaa cgaagtggat gcagacggga acgggacaat 240

agatttccca gagttcctga acctaatggc acgtaagatg aaagacactg attcagagga 300

agagcttaag gaagccttca gggtttttga caaggaccaa gaacggtttc atctcggcgg 360

ctgagcttcg tcacgtgatg acaaatcttg gggagaagtt gacgg 405

<210> 12174
<211> 434
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-083-Q1-E1-G3

<400> 12174

gcnnacncgt ccgcggacnc ttgggaatct ccacattctg aggcatcaat cgtgaatggt 60

agtatcnatt tgaatggcag tggtgaaacc annacaaaga atatagtcat gtcgtctgat 120

tcagacagtt tcatcggtgt gcttgaggtt tttgttcacc aagctaggga catccacaac 180

atctgtntct atcataaagc angatgtgta tgctaaagct ttgtctcaca aatgatnccc 240

gaaaaactcc ttgtccacaa aagatnatca aatgggtggg aggggcaaaa aaccctgtcn 300

tccnacgata acccttcaag ttcgaccgtt taaagaacct gggattgttc nccttaaggt 360

gtgangatat ttatgatgaa gccgcgtgaa agaaattatc cntgaaggat taagttaact 420

tgggagtccc cctg 434

<210> 12175
<211> 397
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-083-Q1-E1-G6

<400> 12175

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agtgacgacg acgacggagg gagcagattc gaattgtgtg aagacagcaa tggagtctac 120

tgagtcatat gcggcaggtt caccggaaga gctggctaag agatcccctg aaccgcatga 180

ttcttccgaa gctgattctg ctgagaagcc aacacacatt cggtttcttg tatccaatgc 240

ggcagctggt tccgtcattg ggaaangtgg ctcgaccatc actgaatttc angcaaagtc 300

tggggcaagg attcagcttt cacgtaatca agagtttttc ccggggacga ctgacagant 360

tattaangat atcgggatna atcanaggaa ntngtgg 397

<210> 12176
<211> 382
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-083-Q1-E1-G7

<400> 12176

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cgccgtaaca gattctgtct cctccgttag atccaagtcg cttttcccag cgttgagaac 120

ttatgcaact gcttctgctc aaacaaccgc taatgttaag gtgcctattg ctttagttgg 180

tgaaaatggg aactttgctt catggctata cattgcanct gtgaaaatga attccttgga 240

aaagattgan annggttntt ccgaaangan tnnaggaatn aagacanctc cnaattttgc 300

ccaatttana aanggttcct ccggtcctaa aagggacaag attggctgct aattaaggat 360

gcctgtgatc aagcaaagtt gg 382

<210> 12177
<211> 386
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-083-Q1-E1-G8

<400> 12177

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tatgttgttt ttgagttgat ggagtctgat cttcaccacg ttcttaaggt aaatgacgac 120

ctcactcctc agcatcatca attcttcttg taccaacttc ttcgtggctt aaaattcatg 180

cactcagctc atgtgttcca tagagatctg aagcctaaga acatcctcgc taatgctgat 240

tgcaaaatca agatctgtga tttaggactt gctcgtgtct cctttactga ttccccttct 300

gctgtgtttt ggactgacta cgttgctaca agatggtacc gtgcgccaag agctccgtgg 360

ttccttccaa tccaactaan acgcgg 386

<210> 12178
<211> 391
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-083-Q1-E1-H10

<400> 12178

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cctctggctc tacggctgtc cagagttctc ctcccactga tcgtcctgtc cgcgtctacg 180

ccgatgggat ctacgatctt ttccactttg gtcatgctcg atctctcgaa caagccaaat 240

tagcgtttcc aaacaacact taccttcctg ttggatgttg caatgatnag actanccata 300

agtacaaggg aaggactgna atgactgcan aagancgata tgaatcactt cnaaattgca 360

aagtgggtng atgaagtcat ccctgaangc a 391

<210> 12179
<211> 373
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-083-Q1-E1-H11

<400> 12179

gaagttatct caggcggtca atgctgcttc ccaacagctt caatgtgctg ctcctactaa 60

aaaagagcgg cctgacatgg aagctgttgg gaagcagctt tgggctataa gatcaagtta 120

tctcaggcgg tcaatggaat aagacaagtg ttcacacgtt acaaccacca aaatgctata 180

gtctctctgt tgttagataa tatcacctct tttacatttt gctatccaac cacttcttct 240

tcagatttga aatgagatgt cttattcatg acttcagatt ctcgaatgac gcatgtaact 300

atgtgcattc attaaaaaaa aaaaaagnna naanaacgna angaaaaant gnaannnaan 360

aannagnann ana 373

<210> 12180
<211> 68
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-083-Q1-E1-H12

<400> 12180

gtcttcnaca atggagccat anaggtagtt gaatctggag gtcttctcat cggcgaatcn 60

tgttttcc 68

<210> 12181
<211> 408
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-083-Q1-E1-H2

<400> 12181

ggagcgttca ttgagatttg taactccggg aaatgcggac ttttcggctc aggaggactc 60

attatgttcg atgtgagtca tgtagaggtt aggtaccacg cagcagatat aatcccagtc 120

acattgattg gagtctttgg tggcattctt ggaagcttgt acaatcatct tctgcataaa 180

gttctccggc tttacaatct catcaaccag aagggaaaga ttcataaggt gcttctaagt 240

cttggggtat ctctattcac atcaagtttg cttgttcggt cttcctttct tagcggaatg 300

caagccttgt gatccttcta tagacgagat atgtccaaca aacggaagat naggaaattt 360

caagcaattc aactgtccaa atggttatta caacgatcta tccactcg 408

<210> 12182
<211> 477
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-083-Q1-E1-H3

<400> 12182

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acgatgacan ccataaccng cagcnggccn caacgtcncg actccacgag tggtcgttcg 120

acctgtggct cgtgtattag gtccggtccg gttgaattac ccgtggaaat tcggttcgat 180

tgaagcggat gggttgtggt taangctaca tcnggaagga gagatatcgg agaaggtgga 240

gaagagtata caagaagcta agggagacat gcgctgatga tccggtgaac ggggaatgtg 300

tagcggcttg ggacgaggtg gaggagctga agtgcggcgg ccagtcatgc taagggacaa 360

gaagaaagct ggtggctccc gattctttgg gaaagantat tgcaaatgaa taatcctgan 420

aactgatgaa tgtcgtactt atgataanta aaaaatatgt ttttgnngtt cgaattt 477

<210> 12183
<211> 459
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-083-Q1-E1-H4

<400> 12183

gtannttggt agccctgaan gtagcaatcc ngggtngccc cacccnnccg gaaattgcnc 60

anggcggctn tnattgaacc nanttggacc gatcnacaaa agatatgtag tcagggagat 120

ttatcggtta tgtcgggttt aggaccattt ggtttgatgg ttttggcatc caatgacatg 180

gaagagtaca cgtccgttta cttcagaatt ttcaagtcaa atgacgatac taacaagaag 240

actaaatacg tggtgttgat gtgcagtgac caaagcagat catcgttaaa tgatgaaaat 300

gataaatcaa cctttggtgc ttttgttgcg atagaccctt ctcaccaaac aatttctctt 360

aggactttga ttgatcactc gatagtggag agttatggtg gaggaggcag aacatgtnta 420

acctcaagag tgtatccaaa attggcaatc cggagnaag 459

<210> 12184
<211> 401
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-083-Q1-E1-H7

<400> 12184

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aggtatttaa taattcatca ttgccattgg attgtgtgtg gctgcgtcag taaaacgtat 120

tcttaaaagc aaccattggt gtgattgact ctataagaga attcgtcagc gtgaagcant 180

ctccaatcta atcgcagcat atcttctccg attcctattc gtctctgcaa ttgaatcttc 240

cggtaggcga agatggcgac gtctgcgang atttgttgcg gaggaggaag tgcatgcgcc 300

cgttcgttgt ngatcgtcgc acgttaaatt tgnagntcnc gatcgtcatg tgttgntcca 360

gtgacgantc gncggatatn atgtgtgcga tcgggaagat c 401

<210> 12185
<211> 406
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-083-Q1-E1-F4

<400> 12185

gctttggaga aactgcatca atggcgttga gattgacatc gctaaaacgc gccgcggttg 60

agtcctgtcg cattttggaa acccgaagct taagtcatgt cgctgcgatg ccttcccccc 120

tgaacggagc ttttgatcgc ccgatttcta tgccgccgct ggttttacct gagttcgatc 180

agaatcaacc gggtttgatc gaagaaaaga gcttcgggtt cgggcttcct agttttgctt 240

ttaatggatc catggagcta atggctgtgc ctaagaagaa gatttctaaa cacaagagag 300

ggataagaaa tggtccaaag gctcttaagc ctgttcctgt gatcatccgt tgcaagagtt 360

gcgggcgaat caagctgcca catttcttcc gttgcagcgg tgaagg 406

<210> 12186
<211> 458
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-083-Q1-E1-C4

<400> 12186

ttggtagnnt gcagccgcaa atccggaatc ccgggtngcc ccacnagtcc gcacttcctc 60

tggctccggc gaaaaacccc ttttcgattt cattgataaa acgcaaatcg atctctcgtg 120

tggaagaaga agaanaacac gatgggaaca atgggtaaag cattcnacag cgtaggattc 180

tggatccgtg aaactggtca agcacttgat cggctcggtt gtcgcctcca agggaaaaat 240

catttccgag aacagctatc anggnaccgc acactcatga atgtttttga caaaacccct 300

aatgtggata agggggcttt tgtggctcct aacgcttctc tctccgggtg atgtccatgt 360

gggaaaangt tcttccattt ggtatggang tgtcttgaga ngagatgcta acagcattag 420

tgtngganct ggggaaccaa tattcaagga caacgccg 458

<210> 12187
<211> 380
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-083-Q1-E1-C5

<400> 12187

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cgaaattcga tcaagagaaa tgtctaattc tactgcaatc tctctgagaa tgtgttctat 120

ctaagaaagt aaaaaagttt tcagtaccaa gtgaagaaga ccataaacaa gttggagcag 180

cttgattgag caagaaacct tgataacgtt attacgctga ttcagtccta agctatgtac 240

aatgataaag catttcaaag attacttttg tgaacattca acaaaaaacg atgcatttaa 300

agtttttaaa aagaaaaacg aagatttttc ttaaaaaaaa annanggana gnnngggaga 360

nnggggaang nnngngnggg 380

<210> 12188
<211> 229
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-083-Q1-E1-C6

<400> 12188

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tctgggattt ggatttcgat ttggatttcg atttcctcat ctcatcgatt tgcttctcaa 120

tctctccaat tcgattctcc tctggaaatt tcaatccttt ttatattttc cttggtgatt 180

tcnaagataa ttaagattna aaaaagggga antttnnnaa aaaaannaa 229

<210> 12189
<211> 387
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-083-Q1-E1-C9

<400> 12189

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atacaaaggt tgttgtggag cttttatcag atcacaggaa taagatggag gtatttggaa 120

aatctcccat ggttgttaca tctgccaatg ttatttactt gtctgcaatt ctgggtcgcg 180

attgcgatgg acacaaatgt gattggaaat gtgagaatga aaatgtttgt gggaatatgt 240

atcgctgcaa actaactgga ctaactcatg tctgcgacaa gaactgtaac cagcggattc 300

tctatgataa ccatanctct ttgtgccgan ccaagtggga ggattttccc tctctcgtcc 360

gtcgaggagc aagcggttaa aggtgtt 387

<210> 12190
<211> 409
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-083-Q1-E1-D2

<400> 12190

caagctccaa tggcgagagt tctagtctcg tctccatctt cattcttcgg ttcaccgttg 60

attaaaccgt cgtcatctct ccgtcacagt ggagtaggag gaggaggaac cgctcaattt 120

cttccatacc ggagtaataa taacaaactc ttcactactt caaccaccgt acgattcagc 180

ttaaacgaga ttcctccttt ccatggcttg gnttcatctg tagacatcgg agcgattttc 240

accaagagct gaatctcttc tcctaataca aataagctgg acgccgnccg tttgtttggt 300

ggctgaattc cgtcgtaaac tactgattca tccgccgtgc agaagagtgg tggttgggtt 360

tggttttatc tccgatgcta tgggaattgg ttcttaanga ttttgaagg 409

<210> 12191
<211> 398
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-083-Q1-E1-D5

<400> 12191

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atcatcttct gatctaatgt ctaccgacac tatcccttcc ctctcatctc caccggcgcc 120

ggagtttcct tccaccacac cagacacggc gacgtcacca gctccgtctc agccatccat 180

catcggacct tcttcgttgg ctccgtttcc ggagacaaca acaaacattg atggaggctc 240

gagaaatgta gcattaactg gacttattac tggagtagtt ctcggagcta cgtttgtcct 300

actcggagtt tgtatctttg tctgtttcta taanagaaag aagaggaagt taangaagaa 360

gaagaaagan gatatcaagg cttctatnac aggngang 398

<210> 12192
<211> 53
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-083-Q1-E1-D6

<400> 12192

gacttcgctg gnaaatgctc cgacgccgcc aagatcgtcg gttttgctcn aac 53

<210> 12193
<211> 385
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-083-Q1-E1-D8

<400> 12193

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accccaaaac ctcgactcca gcaatcgaag atctcttcac ttccctccac aaacatatca 120

aggatactaa atatgaagaa gccgtcaagg tcgctgatca agttttgtcg attgtaccta 180

ccgatgagga tgcgatccga tgcaaagttg tggctctgat aaaagacgat aagttcgatg 240

attatctaat caaagacgtt aagatcaatg gtgctctctc cgtcattaac tcgtttccaa 300

tcgatctagg ttttcacaag gcgtattgtt ataccgtga aaacaagtta gatgaggctt 360

tggtgtgttt aaaangtctc gaang 385

<210> 12194
<211> 377
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-083-Q1-E1-D9

<400> 12194

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gggtctgacg tgagttttcc aaatggcggc gtcagagaga tcgattgaca aagaagtcga 120

catgggttct tcctttcttc aaaaattcag gctttacgag acccgctcga gcttctatat 180

gattggaaga gataaaaatc gaacgtcttg gagggtcctg aagttagata ggacagagcc 240

aagcagaggt caatatctac gaagattcaa cggcttacac agaagctgaa tgctttgaaa 300

ctttgagaag gatacacgaa gggaaacaga tnatctggtg gtttgaaatt tgtcancacc 360

tgctacggga tcatcgg 377

<210> 12195
<211> 376
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-083-Q1-E1-E10

<400> 12195

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tggaggaaac aaaggagaga aagatagtag tagcagtaga cgaaagcgaa gagagcatgg 120

aagctctgtc atggagtctt gacaatcttt ttccatatgg ttccaataat acactcatcc 180

tcctctacgt caagcccccc cttcccgttt actcttccct cgatgccgca gggtttatag 240

tgacaggaga cccggttgca gctttgaaga agtatgaata cgagctcgtg gaatcggtca 300

tggctcggtc tcnaacngtg tacaangatn atnatncgga natnaanata aaanaacaat 360

ttggaaaagn aaatnc 376

<210> 12196
<211> 389
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-083-Q1-E1-E12

<400> 12196

gcggacgcgt gggtttgtgg cggctcgtct tcttcttctt cttccacggg actctctctg 60

aatcggtgat tttcgatctt cctagggttt cgatctgaaa ccttgcgatc tacttgaaag 120

agagattcag aaatttccaa gtaataataa tgtttgcgcc tgcgactcaa ccgcaacagc 180

aacatgagca gaagaagcaa tcagagactg tttcatctgc tgaagaagat gctttgaagt 240

ggaacaccga ttgcgtttac tttctcgctt ctcctttaac ctgcaagaag ggacctgaat 300

gcgagtatcg ccacagtgag tatgcgcgta tgaacccgag ggattgctat tattggttga 360

atggaaactg tttgaatccc aaatgtgga 389

<210> 12197
<211> 410
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-083-Q1-E1-E2

<400> 12197

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aaagcatgag aaacgaagtt acgaagcagc ccagtcttgt cttaccatct ctcagaagag 120

ctttctctct ctacgatcag atcaatctca tcgataacgt tcctgaggat cagctccgat 180

ttcaggagtt tgatgagacg agtttcactg tgaatggggt taaatacgaa ggaagcttgc 240

tctgtgttgg gaatttgcta atgtcatgga gcccctcgtt acttctccga catcacaacg 300

gatagcttgt caatcttcca gacggttcga ccaaattcca gagctcttga ttgtcnggtg 360

tggaagatac aaccacccac tggaaatccc caaagtccgt cagttcgtag 410

<210> 12198
<211> 403
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-083-Q1-E1-E5

<400> 12198

naattatatt caagagaana aggaaaaaat gaatttcatc tccgatcagg taaagaaact 60

ctcaagctca acaccagagg anccagacca caacaagcca gtcgaaggaa ccgaaacagc 120

tacaatcacc agctactaac gccgagctca tggcaagtgc caangttgta nctgaagctg 180

ctcaagcngc anctcgtaac gaatcanaca aactcgacaa gggtaaagtc gccggagcct 240

ctgctgatat cttaagacgc tgccgagaaa tacggtaagt tcnatgaaaa nagtagnact 300

ggtcagtacc tctacaatgc tgaaaagtat ctcnacnact acnaagtcgt cacactccac 360

cggttgctgg tggtcctcnt cctncgacga ntcaagggtg agg 403

<210> 12199
<211> 361
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-083-Q1-E1-E8

<400> 12199

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ttgctctcaa gttctttatc ggttatggcc ttgagctgtc tcggatcata cctttgataa 120

tcttccacct gaaaaagaag tatctctgca aaaccgaanc ggaggtcaaa gaagcttggt 180

acncgggaga cttaagctat gcgagnaggg ttcccggaga catgctcatc gtcacagtca 240

cgttcngcga ttcantcatt gctcctctta tcctcatant cggcatcanc tactttgngt 300

ttaggctggn gangtcctca agaatcaggc gtttgaaagt ntacngttcc atcagnggag 360

a 361

<210> 12200
<211> 408
<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-083-Q1-E1-F1

<400> 12200

taatagaaaa agccctaact ttctccgtcg atggctttct tcttctactt tttcttcctc 60

ttgactcttt cttctccttc ttcttctgct tcctcttcaa actccttgac ttacatcgtc 120

cacgtcgacc acgaagctaa accctcaatc ttccccactc attttcactg ggtacacttc 180

ctctcttgcn tcactcacct cttctcctcc ctccattatc cacacatacg acaccgtttt 240

ccatggcttc tccgctaaga ctcanttcac aagacgctaa gtcaactctt agaccatccn 300

tcatgtcatc tctgttatcc cggaacaagt ccgtcacttg cacacnactc gttcccctga 360

agtttcttgg gtcttaggtc naacggacaa agcggggtct actncgng 408

<210> 12201
<211> 390
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-083-Q1-E1-F11

<400> 12201

aagaagatcg tagtagcccg ataatgaagc tacgattgag acatcacgag acgagagaaa 60

ccctaaaact tgaattggcc gatgcagaca ctctccatga tctccggcga cggatcaacc 120

ccacggtgcc ttcctccgtt catctctcgc tcaatcgtaa agacgagctc atcacgcctt 180

cgccggagga tacgctccga tctcttggtt taatatccgg tgacctaatt tacttctctc 240

tcgaggctgg cgaatcttcg aattggaaat tgagaaaatc tgaaaccgtt acttcctcaa 300

tccggagaat natnaagaca agtngttaat gattccgatt tggggttcgc aaaaggttga 360

tgttgtcccc gattaaagcg aaaatctaat 390

<210> 12202
<211> 423
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-083-Q1-E1-F3

<400> 12202

aagtcttggt ggaccagaac gtaacggaag tgttacaatt gttggtgcag tttcgcctcc 60

tggaggagac ttttcagatc ctgtgacttc agcaaccctt agtattgtgc aggtcttctg 120

gggtttggac aaaaagcttg cccaagagaa aacattttcc ctctgttaat tggttgattt 180

cttactcaaa gtattcaacg gcactggaat ccttctatga gaaattcgat tcaagatttc 240

atcaaacatc aaggacaaaa ggccaagaag aaggtgtttg caagaaggga aagacgatct 300

aatgaaattg gtccaacctt gtaaggaaaa agatgccgcc taacaagaaa gggggacaaa 360

atcacattgg gaaacagcta aagctattga agggaaaant ancccttgctc aaaaacgcgt 420

ttg 423

<210> 12203
<211> 372
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-083-Q1-E1-C11

<400> 12203

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agttacttgt tgttgctttg tcgttcaagg ctacggtcta acggagacac ttggaggaac 180

ggctttgggt ttcccggacg agatgtgtat gctagggaca gtcggtattc cagcggttta 240

caacgagata cggcttgaag aggtgtctga aatgggctat gacccgctcg gagaaaatcc 300

ggcaggagag atctgtataa gaggacaatg tatgttttca gggtattaca agaaccctga 360

actcactgaa ga 372

<210> 12204
<211> 54
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-082-Q1-E1-B9

<400> 12204

aaggttgttc tgtggactag atgggatcta ctgtangttt cnagggaaga ttga 54

<210> 12205
<211> 451
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-082-Q1-E1-C10

<400> 12205

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tttatctctc cgacgtaacc atggatagcg atactctctc aggattattg gaaaacgtcg 120

ccaaaaaatt ccccgatcgc cgagctctct ccgtttctgg aaaattcaat ctcactcacg 180

cgcgtcttca cgatctaatc gaacgcgccg cttcacgcct tgtctccgac gctgggatca 240

aacccggcga tgtcgttgct ctcaccttcc ctaacaccgt cgagtttgtt ataatgtttt 300

tagcggtgat aagagctaga gccacggcgg cgccgttgaa cgcagcgtac acggcggagg 360

aatttgagtt ttacctctcc gattcagatt caaaggctat tgttaacctc taaagaagga 420

aacgcaccgg ctcaagaagc ancttcaaag c 451

<210> 12206
<211> 402
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-082-Q1-E1-C3

<400> 12206

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tcaaactcga aagatggatt ctgtccttgt agtgggcatt gcatcggtta ttctcggtgc 120

gttgatcgct gtactcttct tcggtagcta cttccggaag cggacatcgg aggtgcaatc 180

catggccaaa gcggagcctc aggatccgat ccggaatcca aagtcgaatc atcctgctcc 240

gaagaagaat catcccaaat ctcaagcgtc cgataagaat cagaacaaac ggcatcatcc 300

tttagattta aacacgttga aaggccacgg tgatgctgtt actgggactc tgtttctcgt 360

cccgatggan aagagcctgg ccacagcctt gcgcctgatg gg 402

<210> 12207
<211> 399
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-082-Q1-E1-C4

<400> 12207

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tgaagaccac cgatttggtc ctggagaaga atggtgagga aggagttgtc tgaatgatta 120

tttgtgccga tggttagatc aggttgtgga catggaggat aataatggca gagcaaaagc 180

aaacccttca tgcaatccat gcttttaagc ttatcaagat ctcaaaccaa gagcttctga 240

gagaagctca aagagcaaat cacctaatct catcatatgc tttgagtatt cgaacatagc 300

aaccctgagc caatatttca taagatcgct caacggttca taagatttct caatgaaaaa 360

ccgtaagtta cttacctgca aggccacagg ggagattct 399

<210> 12208
<211> 395
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-082-Q1-E1-C5

<400> 12208

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ctacaaagca ttcaaatgga tgcgtacata tcccgaaagg aaattatgaa ggcagagtct 120

agattttggt tanaagtagt agagagttat gtgcgggttt tccgctggaa ggagttcaaa 180

ctgaggaatg ttctggacat gagagctggt tttggagggt ttgcancagc attaaacgat 240

ctggggcttg actgttgggt tatgaacatt gttcccgtta gcggnttcaa caccttgcca 300

gttatttatg accgtggact acaaggggct atgcacgant gggtggtgag ccatttgaca 360

cctacccaag aacctatgnt ctgatacnat gctgt 395

<210> 12209
<211> 389
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-082-Q1-E1-C6

<400> 12209

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agatttcaac tttcgataaa cccagatcga aaaatcagat ttttccagat caatcagaga 120

gttagagatg gagtataata acaacaatca gcaatctttt tggcagttca gcgaccagct 180

gagagttcag acaccgaatc tagcgaatct gtctctcaac gactcgatct ggagcacaaa 240

ctctgtcttc aaagagcgtc gaaacttaga catagccgcc accaccgaca agaacaacaa 300

ccagatcgac tattatcaga aggaagacaa cttccgacaa catcaattcc aactgggact 360

ggaagtcntc tgggttcaaa caacgacag 389

<210> 12210
<211> 408
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-082-Q1-E1-C7

<400> 12210

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cgtccgctgg gaatcgacaa gcaaagatgc atcantttgc tgcaacggta acgagttgca 120

aacccccctga accttataag ggcaaaggca taatgtacac tgatgaagtc gtcaagaaga 180

aacaangaaa gaagtccaaa tgatctctct ttgtatgctt cttcntcctt cntactctgc 240

agagacaact ttcatctatc tgtggtagat tatggttgga tttttatcaa taanttttan 300

ttggttgtat gagacatcat tttgttgtta agtctctttc antgaaacaa aatgaagaaa 360

ganttcgtct tggaaangna aaatcgctgn gtngnaaggg gnncaaaa 408

<210> 12211
<211> 376
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-082-Q1-E1-C8

<400> 12211

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ctggttgaat cgtcacttta tagatcatta gccaatttaa gctattaaag ttttaaactt 120

tttcttctga ttcgttgaac gtcattgtcc aattcagacc actttactga tttgatcaga 180

gagaattgtc tttcttcaaa gtaatttttct acactgatct cattgattac gtcactctct 240

ctattgatgt ttctttctcn tnatattggc cttaagtttc tttgttaaac ctctccantt 300

gangatatgg ggggaactaa aacnggagtc atcaattcng actaagagac ttgggaaaga 360

aggttcctgg aaaaga 376

<210> 12212
<211> 314
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-082-Q1-E1-C9

<400> 12212

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ttactcgcta catttgcgta agatgacgct gcctcatttt tttttcatat tcnattgaca 120

taattaatat tcttgtgtgt ttatctcant tgccaggagc attataagga tcttagtgct 180

aaatcattct ttcctaacct gattgagtac atcacttcag gtccagttgt gtgtatggta 240

tgggtataac tangctctaa tttgattttt acttgttntc anggttgtag ttagangant 300

taantgcatg tnat 314

<210> 12213
<211> 416
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-082-Q1-E1-D1

<400> 12213

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cggataatcg tgcactccga cgagctcatg ttctcgccaa tcacatactc caatcaaatc 120

ctccatcttc gaacccgtcc ctgtcgcgcg agttatgttt gcagtactct ccaccggagc 180

tcaacgagag ctatggattc gatgtcaagg agatgagaaa attacttgac ggacacaacg 240

tggtggatcg ggactgggat ttatggactc atgatgcaga gcantctgtt taatcgggag 300

ggagagagga gggtaagatt ttccgtgtcg ccgggattac aatcagacga tgggagcagc 360

aagcgntgng atcacaatga aaacgggatc tgggtacttt gcttgagaaa tggggg 416

<210> 12214
<211> 141
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-082-Q1-E1-D10

<400> 12214

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atttcgggtt tgcatcatta tctccatnat actgattcac cgagccacgc aatgtgtcac 120

acacaagtca aatggnaacc g 141

<210> 12215
<211> 399
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-082-Q1-E1-D12

<400> 12215

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ttaataatcc attctcctcc attaaagaca cctctcttca agactctgca gctaacgttg 180

tgatcactag cttctcttca tcttctcaag aagaagaaag ccaagagagt tttgatcata 240

tacaagatga acctttatgc gattatacgc aagggaactg ggtcagagac gagattggtc 300

cactctacaa tggttcaaca tgtggaacaa tcaaggatgg tcagaattgt ttccgccatg 360

gtagacctga ttccggttat ctttactggg aaatggaaa 399

<210> 12216

<211> 198
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-082-Q1-E1-D3

<400> 12216

gacncacttc nanatcgaag taaaacccga cgattcggtt gttgatgtga agaagaanat 60

agagagtgtg cagggcgcat atgtgtancc tgctgcaaaa cagatgccta ttcaccaagg 120

taaagtgctt aaagatgaga cnacctattg nngaaaacac agttgctgaa gaacagtttt 180

attgtcntta gtnatgaa 198

<210> 12217
<211> 402
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-082-Q1-E1-D4

<400> 12217

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aggagccatt ggggctcagt tcgctttctt gcttcccacg ggaacaccct ctaacgtcgt 120

tgggttcacg acagggcata tagagatcaa agacatgatc aagacaggct tgcctctcaa 180

gatcgctgga accatctttc tctccatctt gatgcccact cttggggctt acgtttttgc 240

atcaatggga ggagtttaat tctacaagcc aagcacaaga ccatgtncac aaattgattt 300

attgtaccaa tattgtttac tacccgtaat acatatgtag atatataagt caatgggaat 360

gggaaatttt agaatgangt caaaaaaaaa aaanaaaaag ag 402

<210> 12218
<211> 378
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-082-Q1-E1-D5

<400> 12218

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agacgctatg gaagcattga actaacacaa ctctaaattt ctaatttacg gtttgtttta 120

gttctataca ttatggggaa gtctacaaaa tggttgaaga atgtattgct tgggaaaaaa 180

acttctaaat ctagtggttc caaagacaaa gagagagttg tgagtggaaa agaggtactg 240

gttacttcaa aggtggaaga atcagatgtg gtatcagatc ttccatcttt tgaagttgca 300

agagaccaat accgttgata gaagtggtgg tatgttagag actcaaaatg tangacctga 360

aagagatctc aagatgat 378

<210> 12219
<211> 386
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-082-Q1-E1-D6

<400> 12219

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accagctgta tcgtctctaa tacccagaaa gacttcttct tcattgtcat gccttagcaa 120

cagagattta tcgtctcctt ataattgctg ttggcgacta tccagaggca aaattttgac 180

ttctctcagt aactcacgga aatttgctgt gggaaaggaa gcagaagatg ggtttctatc 240

gaatgtgagc gaagatactg atgagatgtt cgacgacttg ttcaacaaat atgggaaggt 300

tgtttttaga agcactgatg ttaagtctcc aacagctgag gttgacgatg atgcaanaag 360

tttancattt gccngttgaa ttggnt 386

<210> 12220
<211> 393
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-082-Q1-E1-D7

<400> 12220

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cagatctccg atctagagcc tttcgcttct cctcttctgt tcatataaca actgaataat 120

gtcgatctcc gcccaaaatc cggatatttc cggcgataga caatccggcc aagatgttcg 180

tactcagaac gtgatggctt gtcaagctgt ttctaatatt gttaagacct cacttggtcc 240

cgtcggcctc gacaagatgt tggtggatga tattggtgat gtgactatta caaatgatgg 300

tgctactatt cttaggatgt tggaggtcga gcaccctgct gctaaggttc ttgtcgagtt 360

agctgaactt caagatagag aagtcggtga tgg 393

<210> 12221
<211> 399
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-082-Q1-E1-B7

<400> 12221

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gagtgagtga tgattcaact ttcagtttac tcggagcaaa gctaaggaga tcgacgagtg 180

ttccttacta cgcaccatct ataaagcttg gagctggtgg tgttccgacc attcttgagg 240

agcttcctcg tcagaaatca nagaaagtca naaccaaaca gggcaaattt tagtcancca 300

aatccttta gtccttttct acgggaaaag aagaagaagt cgaacgacga acgaaaccct 360

gaggttttcc aaggnnatct tgangtattt aaaggggag 399

<210> 12222
<211> 387
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-081-Q1-E1-H1

<400> 12222

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gggtctgacc ggaaaatctc atgtgaaact ctggccgacg ataacgaaga ctcacctcat 120

aactcgaaga tccgacccgt atccatctcc gccgtcgatt ttccaccgga atcttactct 180

ttatcaaaag aagctcagct cgaatggcta aacganaacg ccttcttcga acgcaaagaa 240

tcacaaagaa ggaaactctt cngctccaat ttcgaatccc aatacaaagc ctaattcgag 300

ctcncatcga atctcacnca aatcaaaagc gtcgatcatc aagattancg naaccgcagn 360

aagacgtgtt tcaacgaagc gaangaa 387

<210> 12223
<211> 406
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-081-Q1-E1-H10

<400> 12223

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cacgcgtccg caatgacaag ctccgatcaa tctccatcgc acgacgtctt cgtctacggc 120

agtttccaag aaccagccgt tgttaattta attctcgaat gtgctccggt catggtttcc 180

gctcaactcc acggctatca cttgtataga cttaaaggtc gtttgcatcc atgtatttct 240

ccttccgaca atggattaat caatggcaag atactaactg gattaacaga ttctcagtta 300

gagagtttag atatgattga aggaactgaa tatgtgagga agactgttga agttgttttg 360

actgatactt tggagaagaa gcaagttgaa acaattgtat gggcaa 406

<210> 12224
<211> 390
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-081-Q1-E1-H2

<400> 12224

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tgtttttttct cacanttctc cgaacatgcg tttgctttct ttattctcta ataaacctag 120

taaactcntc ttcttcgtta ctactatata ntanancgga gagttttggn accagagaga 180

ggtttnacgt atttcttant ttatttctct ccatggggat tctttgggat tcgttgctct 240

tgtcacttgt gtcaacgttt gctctgttct taatnaggat cctgttaatc aatcctggat 300

tgatttacac tggacaagtt acggcgtagg aagatcatcg agtggtttca tgtntaccaa 360

ttcnacangn ntcccataat tcaacganaa 390

<210> 12225
<211> 374
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-081-Q1-E1-H3

<400> 12225

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tgataaggaa ttcaaggaga aacctttggt tcaggttctg agcgacgacg acagtgaagt 120

gaaggaagcc aaagacggag gaggtgaaga agttaccggc ggcgacggtg aaggagaggc 180

taatgtagaa gaggaagacg acgaagcaga aaatgaagac gatgatgatg atgatgatga 240

tgatgatgac gacgacgagg acgaggacga tgaagaaggg gaggaggatc ttgggacaga 300

gtacctagtg aggccggttg gtgaggttga agatgaggat gatgcaagtg attttgaccc 360

tgaggagaat ggct 374

<210> 12226
<211> 443
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-081-Q1-E1-H4

<400> 12226

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gggaggaaga agaaagaaat ttgttttctg aagaaggtgg aggtgccaag agaattatct 120

taatccttgt tcctcctcct cctcttcttc ttcctcattg gttgtttatg tttttatata 180

taatctaagg ttttggtaag tccaactcct atccttctct cctccttgat tcaacaaact 240

tggtttcaag ttcataaaca aggagagaga aaggaattgt taagtccnca atgagtaggt 300

tatgttatcc cataacccca attgggctac cnatttatca cctccatcca tttatactcc 360

tagaaacaac aaatctaaag gcaacacaac acaaatagta ccttccaaat gcttccatac 420

ttgctcatca cttgtctctc ctt 443

<210> 12227
<211> 111

<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-081-Q1-E1-H7

<400> 12227

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cattggatta tctcnttggn ggagacgctc ctgctcctaa gccagttcca g 111

<210> 12228
<211> 172
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-081-Q1-E1-H8

<400> 12228

tcgactttgc caaactctgt tacgaangtt gaatactttg gacgtaaaac gttctgattt 60

tgcttttcgt tatgtatttc tgttttanat aagggttgaa atttggtttt gatgaacttt 120

tcatatncaa attgcattaa ggctacacaa gaanaaggan gncttgaang at 172

<210> 12229
<211> 386
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-082-Q1-E1-A11

<400> 12229

aaatcttcga gggaacattc agaaacccta acttcaacgg gaactcaaaa atcagaatct 60

ccagatcgag agcttaaaaa gtcgatttca attccccttt aagatttttt gcttttggaa 120

tgtagtgtga agaagaaacc ctagtttttt ctcacttgaa ttctctgcct tctttagtaa 180

tgtcaagtga gcagcgagaa ggttcgcaag agacgacgac gacgacggtg gaaggtaacg 240

gaacaattgc aggtcagaat tctcattcgg cggctcccac gacattgaga gctacctcta 300

cgatggtttc ttgccagaga ctaaggctaa accctaacaa cgagcataga cccgatagtt 360

atgaagatct gcagcttgat ttccaa 386

<210> 12230
<211> 400
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-082-Q1-E1-A3

<400> 12230

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atctactttg atactctccg gtcgtttttc tccggtgctg gagatccgat tccttatctt 120

ttctgtcttg gctcgagatc cgagccaagc agtananaag acgactttgt ttcacgattt 180

ggaanttgat tcctgcgatc acagatggca tcgggtgagg gaantttgac ggatggacag 240

tggaaaaagc ttgagatagc aactcagaat tctggaagtt tgtcatcatc gcctaaatct 300

catantctcc ttgccgatct gaacatnaan tctcccactg ggnggcaaaa ggacaagttg 360

ctgggattcc ccaanaagga atgtgcnacn ntcncactca 400

<210> 12231
<211> 418
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-082-Q1-E1-A4

<400> 12231

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tgtttcagct tcttcatcca acggttcgcc gccggtgatc ggaggatcta gcggcggtgt 120

angaccgatg attgtggaat taccgttgga gaagatacga ngaccgttga tgcgaaccag 180

atccaacgat cagaacaaag tgaaagagct tatggatagt atccgtcaaa tcggtcttca 240

ngttccgatt gatgtgattg aagttgatgg aacttactat ggggttctcg cggatgtcac 300

angatacnaa ggcgcatcaa gaaanctagg gcttccaanc tatacggttg caaaaatccc 360

gttaananga acaaagggaa accattaaag gcatcatcct tccgcnggaa gnagaatt 418

<210> 12232
<211> 394
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-082-Q1-E1-A7

<400> 12232

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ctccaaagtt tcttctgcag catcattctt tagatgttct aggaagctag ttagtcagcc 120

atgtgtgagg ccttgcgtga gacagcttca cgtcagaaag ggtcttgtct ctggtgtcat 180

gaagctgttc tcttcacctc ttaggacttt gcgtgatgct ggtaaatccg ttcgcatttc 240

aagattctgc agtgtctcca atgtctcttc ctcantgcaa attgaactgg tgccatgtct 300

tacggacaac tangcttata tcttacatga tgaggatacc ggtacaagtt ggtgtggttg 360

ancettctga agctgtacct gttatggatg ccct 394

<210> 12233
<211> 392
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-082-Q1-E1-A8

<400> 12233

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cgtatatata ataaaggttt gatttttcg atctgagagc aagagaaaac cctttccatg 180

gcctcagcgg cgatattctc atcgttacga cggaggagat cgccgtcttt ggaagcattc 240

ttagcccccg ttgacctttc cggcgtcgca cttgttcaaa ccctagcttc aatctcttcg 300

gaggttgttt cttgtttcac ctctgttcga ttctcgtttc aacgcaagaa cgctccgttc 360

tttgattcgt aagatcgaag atctttggtc gt 392

<210> 12234
<211> 418
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-082-Q1-E1-B1

<400> 12234

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gtctttgcac cggcgttacc tacgatcgag ctagtatcca acggtggctt gacggcggga 180

ataacacttg tccggcgacg atgcagattc ttcagaataa agatttcata ccgaatcgga 240

ctcttcaacg tcttatcgag atttggtctg attctgttcg tcgtcgaact tgtgttgaat 300

ccggcgggaa tttactgctc ccaacgaaga agaacgaaaa tngnccgatg ngattcgata 360

nanntgaagn ttngagaaaa gnaagaaaag ngnatganng ccaanggttt tgtcnaaa 418

<210> 12235
<211> 451
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-082-Q1-E1-B10

<400> 12235

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tccgcccacg cggtccgact taantaagat acgatcatgg cgtcgtttgt ctttgtgatt 120

tctcttcttc ntctctcttt ttcgtcggnt gttttctccg aggatgcttc ttttcagaaa 180

cttccggtgc ctgacaagag gtcaggccct gaatctttcg cctttgactc taccggcgga 240

ttctacaccg gagtctccgg tggtaaaatc ctcangtacg ttcctgggaa gggttatgtc 300

gattttgccc agatnacana ttcctcgaac tcggcatggt gcaacggngc attatgaacc 360

gctttcgccg gaaagtgtgg tcgaancaag cgggaatagc cttaaacagc aaaacaggtg 420

gatctctatg tcgccgaatg ctccgttggg t 451

<210> 12236
<211> 451
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-082-Q1-E1-B12

<400> 12236

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aacccgatcc ttcgatatat attacagctg ccgagaanct aggtgtttca gtgaaagact 120

gtttggtcgt anaggacagt gtgattggcc tgcaggctgc tacaaaagca gggatgtcat 180

gtgtgatcac gtacacttct tcaacctctg atcagaattt caatgatgcg attgccgtat 240

accctgatct cagcaatgtg aaattgaagg acttggaaac tctgcttcaa acaatagtca 300

ctgcagctta agacatttgt ctcctattca tttctgactg ttcttctgca actgtacatt 360

tgttgtttat gtttgataaa attttcatta ataagaaaag aagattcaaa tgtataanaa 420

aanaaaaaaa aagggcggcc gctctanaag a 451

<210> 12237
<211> 401
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-082-Q1-E1-B3

<400> 12237

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aacggaacat gatagaactg tctctgtcga tgacaacgac agccttgtac ctgagccaag 180

ctcaacgaaa gaaagctttt ttgaagatct ctcgcttact gggcaagtta tgaatcctca 240

actttcaagt gcaggcgaag ttttgacaaa agttgaattg ggattttgct tttgtctctg 300

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gatttttgaa gtcctttggt tctaaagaaa ggnaanaaga g 401

<210> 12238
<211> 398
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-082-Q1-E1-B5

<400> 12238

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acagaggatt caagtagcag cattgcaatt gggaagaaca ttacaaatct ccagagtttc 120

agcccatcaa cacctccact tactacatct agtaactgca gaatcgtcaa gcgaanaaag 180

ggaattcctc accgatctcc aatgggataa gaaccgagat tacacacagg ttttagctaa 240

tacagaggct tcttctgtct cttatctttc ctcgtatacc aaaagaaatg gtcttttgct 300

tgtgttaagc aaaaaaagaa aggccttaag ttagngtttt gttgtcctac tacttgggca 360

aatatgtgaa tatgtaatgt gcnttgtata tgangcag 398

<210> 12239
<211> 354
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-081-Q1-E1-G9

<400> 12239

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cttcaaaccc tgaatcatct ccgcctcgac ctttcccgga atccagccgg aaacatgatt 120

ctcctcctcc ccgagcctcc accaacgagc caatgaagaa aatcggaact ccggagcgtt 180

taagagtccc aatagctttc atngtaccca gagagggtac angagcccaa ctgatgcaat 240

gatgtctcca agttactaaa ggtcttctcg caaggaccag aaagtcttcc ggttctctta 300

ttccacccag ctttaaccaa accaagattc aagaactacg caaaccggaa tcgg 354

<210> 12240
<211> 359
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-081-Q1-E1-D4

<400> 12240

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aacacacgtt tcataatcgc acatgtattc ccctacagat tcacaatggt tcttgagaca 180

ttcgctaact tagctctcgt ctacaacatc ttcctccttg gtctagggat ggacctgagg 240

atggtgcgga tcaccgagct caaaccggtc atcattgctt ttacagggct tcttgttgct 300

ttaccggttg gtgcctttct ttactatctc ccgggaaatg ggccatccag acaagatna 359

<210> 12241
<211> 374
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-081-Q1-E1-D8

<400> 12241

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atctcttcat cagaaaacat aacaacgatg aaagaaggtc gtgaagaagc ctctacagtg 120

atctttggag cactagacga actcttcgag aagacacgtg taaaacctaa agacgttggt 180

gtccttgtgg ttaactgtag cattttcaac ccgacaccgt cgttgtccgc aatggtgata 240

aaccattaca agatgagagg gaacatactt agttacaacc ttggagggat gggatgttcg 300

gctggaatca tagctattga tcttgctcgt gacatgcttc agtctaaccc taatagttat 360

gctgttgttg tgag 374

<210> 12242
<211> 150
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-081-Q1-E1-E1

<400> 12242

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ctggtctcgt aaaatccctt gtcgctggca gtctccgatt aactatnttc tangcttagg 120

gaantgttac cacttgtgca accagagcag 150

<210> 12243
<211> 342
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-081-Q1-E1-E10

<400> 12243

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ctgttgaaac tagtagtaac agtggattgg atttggttga ggttggattc ttgtctggtg 180

ttcatggcct tcaaggcgag atttgcataa aaccaaacac tgattttcct gatttacgtt 240

tctctaagcc tggtagaaga tggttaaaac aacaattgtt gggacaagat aagattgatg 300

aggttgaatt agtcgaagga agacctcatc ctgcgcagaa ga 342

<210> 12244
<211> 109
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-081-Q1-E1-E11

<400> 12244

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atcctcgttt tctcgtcgtc gatttcatcc gttgctgcnn gtaatgatc 109

<210> 12245
<211> 345
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-081-Q1-E1-F12

<400> 12245

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caataccagt tgcaggacca ggctaatgaa gatgtccaag atcattcgca agatgaccta 180

caatatcagc cacaaaatca ggagcagttt cagttacaag acgaggctca tgatcaggct 240

cagtatcagg cgcaaggtga tgtacaagat cacaatggtg atgaagtgca agataaagta 300

gaagatgagg aaggaattcc tgagcatctt gagtctctac agaaa 345

<210> 12246
<211> 452
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-081-Q1-E1-F2

<400> 12246

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cgcgtcagca cattaatggg tcaaaccttt tgctcttcct tttgattaat ttagtgtttg 120

acaatctcct cctccttctc cttcttcttc aaagttttgt cgcagtatct attgttctta 180

cagagagaaa ggaaagcttt agtcttttac cagtttgatc caattctggg tttcactgaa 240

aaaaagttgg gagtttgatt cttctaactg tagaagaaac agagtcaaca gaagaaaact 300

aaaaaagttg agatttttct ctcacgcgct caagaacttg agtatgtctt cttctgtagc 360

agtgttatgg gttgctactt cttctctaaa tccagaccca atgaacaatt gtgggttggt 420

aagggttcta gaatcttcta gactgttctc tc 452

<210> 12247
<211> 386
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-081-Q1-E1-F4

<400> 12247

gctgcttctg cggcgatcaa aaacgccgtc gacgataata acctcaccgg cgccaccaac 60

accgcccatt ctatcaacca aacaaaatct cgccgctaat ttctctctct atggcgcttt 120

attgccgtga tacactaatc atcatcttcc aaaagctcac cgtcgccgat ctagcgcgtg 180

cgagctgcgt ctgtaaggtt tggaattctg tagccacaga agacgatctt gttgtatctg 240

ctttcacggc tccatggcgg atcaaagaac ttgttggaag accagcttct gtttccgttt 300

tggagagata acggaatctg gaaatttgct atttctcatc ggatttgtcg tggtgatant 360

gtgactaacc tcgccgtcaa ntacgc 386

<210> 12248
<211> 375
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-081-Q1-E1-F5

<400> 12248

ttcacaaaca acctctcgtc ttctaggtta atccaatttc gtcgattcat gaagttcaca 60

attctcccat cggaaaattc ttcgtaatcg acgacgaaga gatcatgagt accgtcggag 120

gtatagagca gttgatacct gattccgttt caacgtcgtt catcgaaacg gtgaacggtt 180

cgcaccagtt cacgattcaa ggttactctc tagccaaagg catgagccct gggaagttta 240

tacagagcga tatcttctcc gttggtggat acgattgggc gatttacttc tatcctgatg 300

ggaagaaccg gaggaccagt cctcgtatat ctctttgttc atcgctttag cgagtgattc 360

taatgatatt agggc 375

<210> 12249
<211> 231
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-081-Q1-E1-F6

<400> 12249

ggatnanaaa tggcttcntt tggaatggna gattttgcta aaaagtttgg aaatttggga 60

ncagcacaat ttgttggtat catcgccctt gctggagaca agtctgataa cattccagta 120

ggttgatggt attgggaatg tgcacgcagt ggaactgata tctaaatttg ggacgttgga 180

naatctgtng cagtctgtng ntgagatcan agagggaana ataaaggagt c 231

<210> 12250
<211> 290
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-081-Q1-E1-F8

<400> 12250

gatcaccaag aagataacac aagagcccac acatcgtacg ccacgtggca gattcacctc 60

tttataatcc tctctccctc acggtttcta cgacattttc acaaagccac accaactcac 120

tcacanaatc tgtagaatca tctttcaaca atggcttcca ctgctctctc cagcgcaatc 180

gtaagcacct ctttcctccg ccgtcaacag acaccaatca gcctcagatc cctcccgttt 240

gccaacacac aatctctctt cggcctcaaa tcttccaccg ctcgcggcgg 290

<210> 12251
<211> 382
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-081-Q1-E1-G1

<400> 12251

aagtttgcat atgaattgcn gactctgaat ttctcanaaa gataagggca ttgcttcatt 60

gatatggtta agaaatgtta gttgcgtatc ctgcgggaac tatcaacaaa ttccaaatcc 120

ctattagctg ctatgccgct ttgcgcagat tcaagacctc gccttttggt cctctgatta 180

gttgttctgt ctccccaaga tcaatagttc cttgtnagca atgtagagtg ttatcattca 240

tcnttttcta naanatatca tattcagcct caaatgagat ggatgttttg taactcacgc 300

ancaaactcg anttcatcgg atgatgagta ccgttcaaca accaacataa ctanaatctt 360

ttaacacgtt acaggaccgt ga 382

<210> 12252
<211> 350
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-081-Q1-E1-G10

<400> 12252

gcacatttgc atcgataata actcaccaac actctctctg tctccatcga atgtttcctc 60

taactctcaa caaaaatgcg caaacaattt gtttttcttc tgcctttctt gtcacgtctc 120

taccatgtag ttatagccgg aggagaacgg ttaactaacg gcggtttttc accggagata 180

aatccgttca cacccaaagc gtctttagta cgttactgga acaaacagat ccatcaccaa 240

tcacccggct cagcctttct cctctccaag gcttcaccac ttaccgccgt cgcctccgcc 300

accttcgcca aactcgcctc cgaaaacgct cttccggatc gcctccccga 350

<210> 12253
<211> 349
<212> DNA

<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-081-Q1-E1-G11

<400> 12253

tggagaaccc ncctgatctg gatccaacta gcgggtcggg tcatgtcgag aaactcggta 60

accttgacac ctacgtctgt ggttccactc attcaaagct tgctgttctt cttgtccctc 120

atgttttcgg atatnacact ccaaacctga ggaaacttgc tgacaaggtt gcanaagctg 180

gattctacgc ggtggttcct gatttcttcc atggagatcc ttataatccc gagaaccagg 240

atcgtccgtt tcctatttgg atgaaagatc atgaactaga gaaagggttt gaggagtcaa 300

agccaatagt ggaggccttg aagaacaaag gnataactag tataggagc 349

<210> 12254
<211> 410
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-081-Q1-E1-G12

<400> 12254

cttttacagc tatgtagccg taannacggc aaaggnattc ccggntcgac ncacgcgtnn 60

gtccaatcct tcatcggagc tcgttgtcgc cgcctcactg tatatcgttg ccgtcgttgt 120

atcaacatct caaggaagct tcgttagatg cggaaaacgt catggacgcg aacaatacct 180

tcgattctga tctgattcac gccatttta agcacatttg ggcccgaaga tttcgcgaaa 240

gggagaggag cgatgccatt gatgctacgg aagctgaggt tgctctggga acaaccaaga 300

agaacagact tgcttctgca aacgcaaatg ctttaaaact canctgtgaa cttctcaaga 360

gttttgtctc agaggctgtg cagcgcgctg ctataatcgc tgaagctgag 410

<210> 12255
<211> 388
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-081-Q1-E1-G4

<400> 12255

cacatttgca tcgataataa ctcaccaaca ctctctctgt ctccatcgaa tgtttcctct 60

aactctcaac aaaaatgcgc aaacaatttg tttttcttct gcctttcttg tcacgtctct 120

accatgtagt tatagccgga ggagaacggt taactaacgg cggtttttca ccggagataa 180

atccgttcac acccaaagcg tctttagtac gttactggaa caaacagatc catcaccaat 240

cacacggctc agcctttctc ctctccaang cttcancact taccgccgtc gcatctgcca 300

acttcgccan actcgcctcc gaaaacgctc ttcnggatcg cctcnccgac ntctgctccg 360

ccgcanacgt catctgtntt ccagantt 388

<210> 12256
<211> 441
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-081-Q1-E1-D2

<400> 12256

gnnngngnaa ctttaccgcc agtgccgtaa ggaattaang gntcgacgca cgcgtcagcc 60

cacacgtccg caaaacaaaa aaaagagcgt ggctttatct atcatctggt atccactatc 120

cacaactggg gtcagcttct ggttctctct ctcggtaact ttctgagctg aagaacccta 180

attcttatct tcaccggatt ccgggtatag ggctttgtaa agttgttgaa tttacaaaga 240

aagatatgct ggtttgtctg ggttttgtag aagaatctgt gttgttgctt tgagattaaa 300

gtccgaacaa tgttgggttt gattcatgtc cttgatgagc tcgtcaatgg tcttatgcca 360

ctgcttatca ttcagtagtc aaaacccaga tcctgaatca tcatcatctt ctcttcttcg 420

ttataagcct tgtgattcga t 441

<210> 12257
<211> 378
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-081-Q1-E1-G5

<400> 12257

gatgacaata aagatgctca gatggaagag cttgagaaag aggtcaagga gcttcgttca 60

caagagcagg atatattgaa gaacttgaag cgtgataagg gtgaagatgc tgttaaaggt 120

caagcggtga agaatcagaa ggctctttgg gataagattc tggagttcag attcttactt 180

cagaaagcat ttgatcgttc aaacagatta ccacaggagc ctgtgaaatc gttattttgt 240

tcagaagatg aggatgtctc aacagcatat acagatctag ttacttcatc taagaagaca 300

ttagattccc tcttggagtt gcaagaggct ttgtttgaga agaacccctc ggttgatcaa 360

caagtgaatg caacagct 378

<210> 12258
<211> 376
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-081-Q1-E1-G6

<400> 12258

tcaacaactt ggnangtact gcgtggngca attcaatcaa caagcacann ncgagcaagg 60

aancatanga tccattgcga nnacagacac ggcaatttcg aatccattgc aatttanccg 120

agtagtgtct gctcaganac aggtcgtcgc tggactcaaa tactatctan ggattgaagt 180

cactcaaccc aatggctcta ccaggatgtt tgactctgtt gtggttattc aaccatggct 240

ccattctaag canttgctcg gtttcactcc tgttgtcagt cctgtctact aactttattt 300

cttcttactc gacttaantt tccataatat gatcaaagaa aagactaaaa ngtgtatgat 360

acaaagctat taagaa 376

<210> 12259
<211> 171
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-081-Q1-E1-G7

<400> 12259

nacatgatgt ganantgaac atcttgttct gtggagtttg cgacactgat ttacacacca 60

tcaggancga ctggggatac tcgtattacc cagtagttcc agggcatgan ctcgttggga 120

tcgctacaca gagttggtac cancgtgact anattcatag naggagatcg t 171

<210> 12260
<211> 404
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-080-Q1-E1-A4

<400> 12260

ttttacgcng nccagggccc gganaggaat aacngggtcg nnccacgcgt aacggaanaa 60

aatgggatct ataacggtag ctccgggaac caccgtctta ttctccagtc ggcggctaga 120

tctttgcggt cgtcgccatg agaatctatc cgtcgtttcg tcctcacaac cgtctctgat 180

gccaaagcag agatggcttt atattcccga gacgaggttg aaaagagagg ttttaaagct 240

cgatgtcgtc ggaagagctg ctgattccac gagctcttct ccatcagtag cttccggtga 300

tagaacctta attcctgatg atgaattcac tttagccaag atttcatttg gtgttattgg 360

gctaggtctc ggggtttcgc tactctcgta tgggttttgg gggc 404

<210> 12261
<211> 343
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-080-Q1-E1-A7

<400> 12261

attatcacac tttcataaag ctcataacat acataaaaaa tgggtgaatc ttttagatta 60

ttcaatcatc atcacttcct cacaactttt ctcataatca tagccatgct caaattggtt 120

catacaacaa caacaacaac tacaacaaca acaacaaaca ccgagttcgt aaaatcatca 180

tgcactttca caacgtaccc aagactctgt ttctcttcac tctcaactca tgctagtctc 240

atccaaacaa gccccaagct catggctcat gcggctctca acatcacatt agcctcggnt 300

aaagtaactt cagcaatggt ggggggtncn ctcgaataag tcg 343

<210> 12262
<211> 342
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-080-Q1-E1-A9

<400> 12262

gaagaaacag agcaattaaa gaaagagtat gtaactttca tgaaaggagt tgtctctgct 60

cctctaaatc taccaggaac tgcttatcat aaagctcttc agtcacgagc aacgatattg 120

aagttcattg agaggaaaat ggaagagaga aaattggata tcaaggaaga agatcaagaa 180

gaagaagaag tgaaaacaga ggatgaagca gagatgagta agagtgatca tgttaggaaa 240

caaagaacag acgatgatct tttgggatgg gttttgaaac attcgaattt atcgacggag 300

caaattctcg atctcattct tagtttgtta tttgccggac at 342

<210> 12263
<211> 404
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-080-Q1-E1-B10

<400> 12263

ctcntacgcg ctcgaggtgc cggtacagga attaacggnt cgacncacgc gtcagcccac 60

ncgtccgatn aagcttcacc taattagtgt attcccccaa atttctcaat tctcactaat 120

ggctttggtc agcttacttg aaatctccat tgctttcttt tgtttcctta tctttcgaat 180

tttcctgatc agcaagaaac cacaccgttc atttctcaca aactggccgc tcctgggcat 240

gcttccgggt ttacttaccg tgctccctcg agtttacgac tttataaccg aggttcttga 300

ggacggcaac ttaaactatc ttttcatagg ccctttttta gggggcatcg acatgttgtt 360

caccgttgat ctgctaatat catcacatca tgagctcaaa actt 404

<210> 12264
<211> 409
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-080-Q1-E1-B11

<400> 12264

nttgtacncg nccaggtgcc cgtaaggaat tcanggntcg acncacgcgt cagcttcant 60

ccagtagcag tagcctgcgt gttttaccaa gagatattac acaccaacag caagagaact 120

gtcacgcatg tcaggagtag aaagagctcc aattctccac catttcgctg aatcgcttgc 180

tggtgcaaca acaatacgtg cttttgatca acgagatcgc ttcattagct caaaccttgt 240

tctaatagat agccattcaa ggccatggtt ccatgttgca tcagcaatgg agtggctttc 300

cttcaggttg aatttgctgt ctcatttcgt cnttgctttt tctttggtgt tacttgtgac 360

tctccctgaa ggtgtcatca atccaagtat tgctgggtct tgggggtca 409

<210> 12265
<211> 403
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-080-Q1-E1-B5

<400> 12265

nttgtaaagt ctnangtgcc nnaaaangga aaggnattcc ggggtcgacn cacgcgtccg 60

cttcgtttac tccgcttcta tggaagaagc ttgaatcctt ctctcttctt cttctccttc 120

ttcccttgac atttttgttc tgagaagcaa catggccctc ggtggcttga tttcaaatcg 180

gaacttcggt tccttcatcg gctcaggcaa tggttgtcag agacttggaa aaagtggtgc 240

agaggtttcc aagctttttc caaatgcatt gttgtgccgt aatcatcaac ctctgcaagc 300

tagtttacat catgaatcgg gacacatgag aagaagtttt ggatgtttcc ttcaaccaag 360

aatggacagt gtaattaggt ttaggaacag tatcaaagat naa 403

<210> 12266
<211> 330
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-080-Q1-E1-B6

<400> 12266

gtgctgactt acaaaacctg atgaatgaan cggcgattct tgcggctagg cgtgagctta 60

aggaaataag caaggatgaa atctctgatg ctcttganag gatcattgct ggacctgaga 120

agaagaatgc agttgtctct gaagagaaga anagacttgt tgcataccat gaggctggtc 180

atgctctagt gggtgctctt atgccagaat atgatccggt tgcaaagatt tctatcattc 240

ctcgtggnca anctggtggg ctcacttttt ttgctccaag cgaagaaaga cttgagtctg 300

gattgtacag taagagctac ctttgagaaa 330

<210> 12267
<211> 399
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-080-Q1-E1-B8

<400> 12267

naatnctacg gccccagnna ccggnacgga attccngggt cgacccacgc gtccgcaaag 60

cctctggaga agatctgtag gtacgtacaa atgtctgaac atgttatggt tttgggtaaa 120

ggtaacaaag gaatcagcaa gaattcttca gtcaatccat atgaatcagc ttggttaggt 180

cgttggactc agtcaggtag tgaagtgaag tttcatgatg gtgagaccaa ttgctctaag 240

cagttgataa gacctgaaga tgagaatcat ggagtcgagg tcttgccgtt tcctatgttc 300

aaggtttctc aaaagagaga gactactact actactacta ctaaaccgtc tttccatgaa 360

gatgttggtt caagctcgag agctatggtt aatagaatg 399

<210> 12268
<211> 350
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-080-Q1-E1-B9

<400> 12268

tcgtaccctc tttactcagg tattttctga agttaaaaga tagaaataat gtctgaaaag 60

gtgggagcga tgggtggtaa caagggtgga gcattcgacg atggtgtttt tgatggtgtg 120

aagaaagtaa ttgttggaaa agacttcaac aatgtaactt atatcaaggt tgaatacgaa 180

aaggacggaa aattcgaaat tcgtgaacac gggactaatc gcgggcagct aaaagagttt 240

tcagtggatt atccgaatga atatatcaca gccgttggtg gaagctacga cactgttttc 300

ggttacggat cagcgttgat caagtcatta ctcctcaaaa acccccttatg 350

<210> 12269
<211> 401
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-080-Q1-E1-C1

<400> 12269

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gcagagtagc ttgaagaaat ccgttgctca ttctcttctc cgatcgtttt tttcttcgca 120

tcccaaggtc tctcagttac agaagatgga gaaaacgccg ttcgttctct gtttctcagt 180

ttctcggaat caaattccag attacaatcc ggacgaagcg aattggagtg agaaaattct 240

ggatcatgtg ggtgatttca aaagtctgga agaagtggtg tctaagctga cagagaatct 300

gaatctgacc gagtctcaga ttgcgagtat ttggaagtca ttgattaagg caagaagaag 360

aagctcaaca agttccaaca ccaacaacan caacgaagtg c 401

<210> 12270
<211> 405
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-080-Q1-E1-C10

<400> 12270

tcntacngnt caggtgccgt agaagaatta anggctcgac ncacgcgtna agctctcncc 60

gtagatgttg acaagttcta ctctttatgc gatccggaaa tggagaatct gtgtttgtac 120

ggacacccga atgggacatg ggaagtgaat cttccagctg aggaagtgcc tccggagcta 180

cctgagccag ctcttggaat caatttcgct agagatggta tgcagcgtaa agattggctc 240

tctttagttg ctgtccacag tgattgttgg ttactctctg tttcttctta cttcggcgct 300

cgtcttaatc gcaatgagag gaaacgtcta tttagtctga tcaacgatct cccaactctc 360

ttttgaaagt agtgacgggg tangaaaccc atcaaaagac ggtaa 405

<210> 12271
<211> 425
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-080-Q1-E1-C11

<400> 12271

nggngnnnnn gnggnnaatc ntaccgcnga ggtgccggtn cnggaattaa cggntcgacc 60

cacgcgtcan ggaaaaggaa ccatcacggg caagtttgtg ccaattctat gtggttcagc 120

ctttaagaac aaaggagtgc agccattgct cgacgctgtg gtcgattatc tgccttcgcc 180

cgttgaagtc ccgccgatga atggaacaga tcctgagaac ccggaaatta ccattatacg 240

gaaaccagat gatgacgagc catttgctgg gctagcattc aagatcatga gtgatccttt 300

tgtgggttct cttacatttg tgagggttta ctcagggaaa atctcagctg gttcttacgt 360

gttgaatgct aacaaaggaa agaaggagag aatcggaaag actccttggg aatgcacgca 420

aacag 425

<210> 12272
<211> 337
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-080-Q1-E1-C7

<400> 12272

ccacactcac aaagggctca caagtctcaa atacaaaaca atgaagaaca tactagcttg 60

catagttacc atcataaccc tctcaaacct cataaccatt tctcaaggaa gaagggtatc 120

acagtcattt gaaacatttg agtacacagc aattatttgc agatcccaca gtgcctccat 180

aacagagtac ggtggtgtag gagacggcaa gacgctaaac acaaaggcct tccagagcgc 240

cgttgatcat ctcagccaat actcatctga aggcggagca cagctctttg tacccgccgg 300

gaaatggctc aaccgggaag ttttcaacct cacaagc 337

<210> 12273
<211> 409
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-080-Q1-E1-C9

<400> 12273

nttntacgcg gtccaggtag cggtacgagg aattaacggn tcgacgcacg cgtcagctcc 60

gtcaccgagg gagagcaacc atgccaatct caattcccct taacgccact ctacaatact 120

cgtctccttc ttcttcttct tcttcttctt ctctcgtacc ttcttccccc cttttctctc 180

cgattccttc aaccactgtt tcccttaccg gaattcgcca gcgatgcctc aggatggtca 240

cttcttgcgt ctccancgct cagaaatccg tcctgaatgg tgccaccgat tccgtctctg 300

tcgtcgggcg ggagcagatt cgtcttggtc ttcctagcaa aggacgcatg gccgccgatt 360

cgctggatct tctcaaggnt tgccaantgt ttgtcaaaca aagtcaatc 409

<210> 12274
<211> 405
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-080-Q1-E1-D10

<400> 12274

cttgtaccgc tccaggtagc ngtaaggaat tcacggntcg acccacgcgt cagctcatat 60

ttaaccgggc taaacagtac tccaaggagt accaggagaa agaaagggaa ttaatccagc 120

tgaagcgtga ggcaaaattg aaaggaggct tttatgttga cccagaagct aaactgcttt 180

tcattatccg tatccgtggt atcaatgcca ttgacccaaa gacaaagaag attttgcaac 240

ttttgcgttt aagacagatt ttcaatggtg tgttcttgaa ggtcaacaag gcaaccatta 300

acatgcttcg ccgtgttgaa ccctatgtaa cctatggata cccgaactta aaaagtgtga 360

aggaattgat ttacaaacga ggttttggaa agcttaacca ccaaa 405

<210> 12275
<211> 424
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-080-Q1-E1-D11

<400> 12275

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cacgcgtcng tttatctctc tatacacaac aatggcggtc ttcgttttat ctctactcat 120

actctcttcc ttctcagcca ttccattcac ttatgcagat tctggaatga tcggagttaa 180

ctacggccgt atagcagaca atcttccggc accggagaaa gtagttgagc tactgaaaac 240

acaaggaatc aaccgcatca agctttacga caccgagaca actgtactaa ccgcactcgc 300

gaactccgga atcaaagtcg ttgtctctct ccccaacgaa aacctcgctt ccgccgccgc 360

agatcagagc tacaccgaca cttgggttca ggacaacata aagaagtaca ttccagcgac 420

ggga 424

<210> 12276
<211> 400
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-080-Q1-E1-A3

<400> 12276

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tccgcttctt tatatgagcg aagaagatgc attctggtta ttagttgcat tactcaaagg 120

agctgtccac tccccaatag aaggattgta tcaggcaggg cttcctcttg tacagcaata 180

tctgttacag tttgatcagt tggtaagaga gctaatgccc aaactaggag aacatttcac 240

tcaagaaatg atcaatccga gtatgtatgc aagtcaatgg ttcataaccg tcttttcgta 300

ttcacttcct ttccattcag cgctacgaat ttgggatgtg tttctagctg agggtgttaa 360

aatcgtgttc aaagtcggtt taacaataat gaagcaatgc 400

<210> 12277
<211> 198
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-079-Q1-E1-B6

<400> 12277

gaatggtaga agaagaggag ttgcagtttc acgaggagta tatgaacgaa agagatccta 60

gcatccttca ctttctttta gcttcaggag atgatgtctc tagtaagcag cttcgtgatg 120

acttgatgac antgcntana gccggacatg aaacatcggc ggcagtatta acatggacct 180

tttacctttt aacaacga 198

<210> 12278
<211> 186
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-079-Q1-E1-C4

<400> 12278

agcacccttg gttaactttt ctggtcacaa agatgaaggc tatgctatag actggagtcc 60

tgcaaccgct ggaagacttc tttccgggga ctgcaagagt atgattcacc tgtgggagcc 120

agcttctggt tcatgggctg ttgatcctat tccgttcgct ggacacactg caagtgttga 180

agattt 186

<210> 12279
<211> 324
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-079-Q1-E1-C9

<400> 12279

aaatcttttt ttttttttg ttgtctttct tctcgagaga gataagtgac caaagggttt 60

cgatttctgg aaatagtttg aataaaaaag taatttttat gtgattattg gcaaagaaaa 120

gttttagttt tttttagttt gtgagagatg tctggttctg tatctggttg tggttctggt 180

ggttgtagta ttgtatggtt tagaagagat cttagggttg aagataatcc agctttagca 240

gcagcagtaa gagctggtcc agtgattgct ctgtttgttt gggcaccaga angaagaagg 300

acactatcat ccaaggtagg gttt 324

<210> 12280
<211> 302
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-079-Q1-E1-D12

<400> 12280

gttttagctt tctcctctac ttcgataatg ccgtttgctc cttccttgtt gtcatcgtct 60

tcctcaagtc tctcaatttc ttcccagatt ccccaacgcg actagattca atgtaactcc 120

acggagcaga gccgccaccg tcgtcgcggc atccgtcacc gacctagccg gggtcgacag 180

tacaacaatc gccgtactcg gtggaggatc cgtagcagca ctcgcggcga tggtttcctt 240

aacggatccg gagaggaggc ggaaattgca ggcggagtaa gttggcggan gcnanaanga 300

gg 302

<210> 12281
<211> 185
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-079-Q1-E1-D2

<400> 12281

atttcggatt tttgcatctt ctccgatcat cttcaccact atgggtgctt catcttctac 60

agacgacaaa gaatcatcgg agaaacgaga aatcgaaagc cttgctgctt caaccggagc 120

tcttcctctg cttaaacgat ccttctccaa actcgtcgat tctcaaacca atactgttcc 180

ttttt 185

<210> 12282
<211> 210
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-079-Q1-E1-D6

<400> 12282

aaaaccacca aatcagtttc gttgtcccaa atccaaaatt cctccttctt cttcgctgta 60

acgctttata cctaatcgga gataaaacaa tgcaatcgtc gaaaggacgg cggaaagttg 120

gctccacaac cgccggagcc ggtatagatt cggcggagaa gctcgacgag ctcttgatat 180

cgtctgccat ttgtaacggt gaagatttaa 210

<210> 12283
<211> 209
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-079-Q1-E1-D7

<400> 12283

aaaaccaaaa aatcctttga aacttttta gcctgtcgct tctctttcca tcgtcttcct 60

cgtgaacgaa acttctcgat cttcttttct ttttttcac ctgtttttcg gtatcacgag 120

aatactacac ttcccactcc actttatcgg atatatttcc ttgattttct ccgattgtgg 180

tcaatctgga aaattattga gaatctctt 209

<210> 12284
<211> 207
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-079-Q1-E1-D8

<400> 12284

tcaagatcaa aagagatgtc atcaatagct tctggcacag tttcaacaac cagatcgaca 60

ctttgtttca gaaaaatccc aaagtctgca actgttttat ctatgcttca tcgatcttct 120

tcttcttctc cacgaatgtt attattgttg tcttcttcat cagctaactc tgcaaaacta 180

ctgaactcta acaatggtct cttaatt 207

<210> 12285
<211> 323
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-079-Q1-E1-D9

<400> 12285

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gcaaggatct ctctgttgtt cncattaggc ctttgtttta gccctcggct cagtgttcct 120

ttccgtttcc ggtcacgctc ctcccgtgac accgagaaaa tcagcatgtc caaaaacagt 180

atccgaactc cagaccttac cttttaccga aatcactgag atcctaaacc gaaaagagcg 240

gtctgccccg aaaacccctg agttcaaggc aatgttcaca atgtgcaaag gctacgtgac 300

atacctcgag agcctctaca agt 323

<210> 12286
<211> 325
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-079-Q1-E1-E12

<400> 12286

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taaatttccg acttgttcgg aatttcttcc ggttttattg ccggtttttt gataagatct 120

tttgcaagtt gcaaatcacc acttccaatc ttggnagatg tttaattccg ggagagtttt 180

agatggatct ttgttcattg gatgcntgan ttttcttcca tgtgaaggta aattcctcgc 240

tttgctaata agagcgtaag ggcgtcggtt cttcatgggt gacagatcaa gatgtttgcg 300

gttgattgga gaggagtatg aagag 325

<210> 12287
<211> 168
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-079-Q1-E1-E2

<400> 12287

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acaaattacc cggacgacca tggattccga caagagttta taatgaatca agatggacaa 120

cgtcgtaagc ggacgacttc ctataactca caaactcgtc ttttggtt 168

<210> 12288
<211> 54
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-079-Q1-E1-E3

<400> 12288

cncncaccag aacgtttgtt gagaagaatt acaaagattt gaagtctcna aggc 54

<210> 12289

<211> 208
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-079-Q1-E1-E7

<400> 12289

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tcctccgttg atttcgatcc cgattttgat attgtntcga cangaaattg gtgtgatctc 120

gtttcgagtt tcgtggcgta tttgcttant ttaagtgtgt ggaatcgatt tttaatgggg 180

gaataattct ggtagaagta naaactct 208

<210> 12290
<211> 125
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-079-Q1-E1-F1

<400> 12290

tganngcaat canctgggaa catgaatcat ctccggttta tcaggatttt cgngttcttc 60

ctctcttcgc tgtgttcttc ccttcgattc natttctcct cgatagattc gtcntcgana 120

aattg 125

<210> 12291
<211> 195
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-079-Q1-E1-F3

<400> 12291

atttcaattt ctatcaagga ggaatcccgg aggaaatcac taggcttccg anancagata 60

tactttgggt gcccagagct acgttanaag gtagatttcc aggagattgg ggttcatgtc 120

aaaacttgga gatggttaat ttgggtcaga acttctttaa aggcaaaaat tcctgtcggt 180

cttagtaaat gcaat 195

<210> 12292
<211> 180
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-079-Q1-E1-F5

<400> 12292

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tgtgaaattc gcttgcttgc tttcttcaca gtcaattaat tctctaacaa aacattcttc 120

gatcgttcgt tttcatcttc tatgcttctc tgatcagaca naagaanaca accaaagaaa 180

<210> 12293
<211> 203
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-079-Q1-E1-B5

<400> 12293

atccagattc tctctacttc tcttatcttc gatagagaaa tttgtatctt cagatttatt 60

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gtttgattct gttggtaatt gatctgaaat cctaggtttt agccgtagat ctgctgcttg 180

tttcgatcga tttgggatac cgc 203

<210> 12294
<211> 204
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-079-Q1-E1-G12

<400> 12294

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tctcnagctt tcgctctcca ggatncaaaa tctcgtttgg aaatcngatt ttccaccttt 120

acccagtanc atttcttctt acaagggttc ttcagangac tttattgant gctaatatac 180

aactggccgt gactgttgtt cgca 204

<210> 12295
<211> 212
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-079-Q1-E1-G3

<400> 12295

gtgtaccaat ctctcccgct ctgtctctct ctctctcttt cctccatctc tctgtgttct 60

tcttacagac accgagaatg gcggatcctg atctgtcttc tcctttgatc caccatcaat 120

cctccgatca acctgaagtt gttatctcta tcgccgacga cgacgacgac gagtcaggac 180

tcaatcttct tccagccgtt gttgaccctc ga 212

<210> 12296
<211> 208
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-079-Q1-E1-G4

<400> 12296

ttctaaggct tgcagagaga cgtgctatta gtttagggga cagtcctacc cttgaacgaa 60

ggcgagacga cctaagtcaa gcagttttac aggccaagaa tgcgagtaat agcgatggtt 120

tagtaggttc tgctcaaggt gtttctgaca gtggattgct tgatctgctt gaaggaaaac 180

tcgcagttct tcagttccaa attaagat 208

<210> 12297
<211> 180
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-079-Q1-E1-G5

<400> 12297

ttctgacact accctcatcg ggtctccaag aggccaagaa agacctcttt ctcggcttct 60

aggagtctca tcattctctt ttttcacatt tgcttcctcc acacgcaacc tccaaaaagc 120

cctaaattta ttaaaacaaa tggattccac ggagctgaac cgtgtgttcc aaatgttcga 180

<210> 12298
<211> 208

<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-079-Q1-E1-G7

<400> 12298

aaatctcgag acaaagatac aatggcgagc cgaaacagag cactcttctc tgtttccact 60

cttttcctct gtttcatcgt ctgcatctcc gagcaatcga acaatcagtc ttctccagtc 120

ttcgcctgtg acgtcaccgg aaacccttct cttgccgggc ttagattctg caacgcgggg 180

ttgagtatca aagcccgagt caccgatc 208

<210> 12299
<211> 58
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-079-Q1-E1-G8

<400> 12299

tatcntatgg nccatcctcc ggagacgtgt atccgtcaga gtatatcatn acatggca 58

<210> 12300
<211> 197
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-079-Q1-E1-H1

<400> 12300

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cagcggctaa ttctagtgtc gctaataggg tctctgtttc ttcaaattta gttctttaaa 120

ttcactacga agatttttgt tatggcgagt agaaagctgg ttcgagattt actgatcaca 180

aagcagcctc ttctcca 197

<210> 12301
<211> 128
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-079-Q1-E1-H11

<400> 12301

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gtaagccctg natcgctgtt ggaatgattg aaccttgact anaacagagc ccngcatttc 120

gangttga 128

<210> 12302
<211> 197
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-079-Q1-E1-H2

<400> 12302

atgtcatgat cgaccatgag ctgcgcaaac ttcgcctaat agattggggt ctcgctgagt 60

tttatcatcc tggaaaagag tacaacgtcc gtgtggcctc aagatacttc aaaggtcccg 120

aacttctagt tgatttacag gactatgact attccttgga catgtggagc ctcggttgca 180

tgtttgctgg gatgatt 197

<210> 12303
<211> 95
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-079-Q1-E1-H4

<400> 12303

ggagagacac cctctccata aatttagttn tgatccctcg tgggttcctt gatggaanaa 60

aacaccaatt ccacttcata ttcttcntca gtacg 95

<210> 12304
<211> 180
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-079-Q1-E1-H5

<400> 12304

actcaggatg gactcagggt gttgacacct cgtgtagatg gaattgattc atctgtcagt 60

catcgtggga accacttttt catccagaga aggagcactg aattttacaa ctcagaactg 120

atcgcctgtc cagttgatga cacatcaaag acaactgttc tgcttccaca tagagaaagc 180

<210> 12305
<211> 207
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-079-Q1-E1-H7

<400> 12305

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cttctatact aacattgtac gtaagaagga aaaaaaaaga acgctgcatt tctcgaatgt 120

gtaagaatcc cggtttcaag gaggttttag ggtgggttta ttatgaatca aaattccgtt 180

tgggggtatg tgatgatggt tttagct 207

<210> 12306
<211> 341
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-080-Q1-E1-A10

<400> 12306

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aaaaatgaat tctcaccaga atcaaaccgg agtgcaaaag aagggaataa cggagaaaat 120

catggagaag ctaccaggtc atcatggacc tactaacact ggtgttgttc accacgagaa 180

gaaagggatg acggagaaag ttatggagca gctgccaggt catcatggtg ctactggtan 240

cngnnggtgt nnacaacgag aagaaaggaa tgacggaaaa agttatggag cagctgccag 300

gtcatcatgg atcacaccaa actggaacca acacaactta t 341

<210> 12307
<211> 406
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-080-Q1-E1-A12

<400> 12307

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attattcctg cagctataaa agatcacaat gttcaaggat acatctacag agactattgg 180

gaagacatcg gaactattaa gagtttctat gaagctaata ttgctcttgt cgaggagcat 240

cccaagtttg agttttacga tcagaataca cctttctaca cttctcctcg gtttctacca 300

cccaccaaaa ccgagaagtg ccggattggn aattcggtaa tctcacacgg atgtttcttg 360

ggagaatgca gcatccaacg ttccattatt ggtgaaagat cacgtc 406

<210> 12308
<211> 396
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-078-Q1-E1-G10

<400> 12308

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aagcagcaga gtttgatatt ggaatctact ttgaagctaa tggccacggg actattctct 180

tctcggaatc tttcctatct tggttagttt ccaaacaaaa ggatcttacg gctaaaggtc 240

agggtggttc tgaagagcac aaagctgttt ctagactaat ggcggtgagt aatctgatta 300

accaagccgt angtgatgcc tctaagtgga agtgctcctg ggtgaagtga ttctacaaac 360

acctggggat ggtcgaatng aagaaattgg anntga 396

<210> 12309
<211> 412
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-078-Q1-E1-G2

<400> 12309

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ctctatccat ttcattaaca ccaaaacctt tttcttctct ctaaccaaac aagaagagga 120

ctccattttc gcaagaatgg ggaggcttaa gcaatgttgg tcaagtctgc tantattggc 180

agtgttggtg atcggaactg gagccgttcc catcacttat ctccaaagcg ccgtcgctaa 240

aggagccgtg tgtttggatg ggaagtgcac cagcttacca ttttgacnaa gggtttggtt 300

cgggtgttaa caattggatc gtcnacatgg gagggacgaa ggatgggtgt accgacgttg 360

cttcatggta ntgaacggta nngggnacaa ttgaaagggg ttccttccaa ag 412

<210> 12310
<211> 477
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-078-Q1-E1-G3

<400> 12310

tggtatnncc tgcgcctacc ganaccggaa attcccnngg tcnacccacg catccgcaca 60

gaanaaccta naaagctcta gagagaaaga gagagagaga tggaaggtaa agaagaagat 120

gttagagtcg gagctaacaa gtttccggag aggcaaccga tcggaacttc ggctcagagt 180

gacaangact acaaagagcc accacctgcg ccgttgttcg agcccggcga gctagcttca 240

tggtccttct gganaagctg ggattgctga gtttatagct acgtttttgt tcctgtncat 300

cactgttttg actgttatgg ggtgtgaaga agtcaccnaa ncatgtgttg cttcccgtcn 360

ggnaatccaa aggtatcnct tggggctttt cggtgggtat gatncttcgc tcctccgtcc 420

tactgcaccg ctgggtatct cccgggtggg acacatncaa nccaacgggn ttacgtt 477

<210> 12311
<211> 336
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-078-Q1-E1-G4

<400> 12311

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ttagagtcaa aagatatttc tctgaagata gttgatttca ttcntatgaa cacacacaac 120

cacacacatg tatatgtaga agttaccccc aagtttttta cccntgattg taatttctaa 180

tttgtgaatt catcaagaag atggtaaaat gaatctccat ttataaagtt atcttttatt 240

ctcgaggaaa acaaacgaan tgtcaaatgt tcaatgacac tcatgcttta tagtgttcan 300

aantcccntg caaaaaaaaa aaaanaaaag ggnggg 336

<210> 12312
<211> 415
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-078-Q1-E1-G8

<400> 12312

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gcaacaacaa tccgttcctc ttctcctctc acttccgctt ccactcatca cttcctttcc 120

aaacccancg caatcgaatt cccatttcgt ctcagctctt cttctagcca ccgtgcaatc 180

aacctccgtc ctatctccgc cgtcgaagct ccggagaaaa tcgagaaaat cggatncgaa 240

ntctcctcct taaccctcga atnaaagctc gtatcctcgg tcgactatct ccaagacaaa 300

ttcggtgtct ccccaagtct ccttancccc cggcagcagc cggtcgttgc agctccaagc 360

ncgacgggtg gcccggcngc tngtngtgga gggagcaaan cagnagttcg natnt 415

<210> 12313
<211> 372
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-078-Q1-E1-H10

<400> 12313

ccaatggcgg gtttcagttc tctaattcct agaacgcttc tgaaacgcgc cgttagtagc 60

gcaacaagaa atctaacggc gccgttagct tctatttcag cagcaagaaa tctcttcatt 120

ggaggangat gtgacgaaaa ttatggtgag ccaggaagtg ttttctcatt ccaatggaat 180

aaggaaagta caacaccgtt ggtaatgctg gngcactaac tggtccattt catcatcttc 240

ttggggtcaa ccagacaaac aagcccgcct ttttaagggt ccaatctang agctatcagt 300

ttgtcgctga ttctcattca tctcctaaac gtattgtgaa naatgaggat gagggaanat 360

ttttctgant ca 372

<210> 12314
<211> 400
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-078-Q1-E1-H11

<400> 12314

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tggggcggga acaaagggaa tacgtgcaca ttcgtgttca gcagcgtaat ggtagaaaaa 240

agcttgacaa ctgtccaggg gcttaagaaa gagtatagct atagcaagat acttaaagga 300

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<210> 12315
<211> 403
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
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cggcgctcgc tgagtttatc tcgactttga tcttcgtctt cgccggctca ggctccggaa 180

ttgctttcaa caagatcact gacaatggag caaccactcc ttccggcctc gtcgccgctg 240

ccttagctca tgctttcggt ctctttgtcg ctgtctctgt tggngcnaac atttccggtg 300

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ccgtgggant ctccactggg attgctcnan cntctttggn tcc 403

<210> 12316
<211> 385
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-078-Q1-E1-H4

<400> 12316

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ctgcctgcaa gtgcggcaat ggttgcggan gttgcaaaag gtaccctgac ttggagaaca 180

ccgccaccga gactcttgtc ctcggtgttg ctccggcgat gaactctcan tacgaggctt 240

ccggcgagac tttcgttgcc gagaatgatg cttgcaanat gcggatctga ctgcaagtgc 300

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<210> 12317
<211> 401
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-078-Q1-E1-H6

<400> 12317

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actcaagagg agttgaagga accaaagccc taataaacta gggaaagtaa tctatcctcg 180

ccggagtcgt tgtctcgccg ataaggaacg aaggacgaag ctgtcttcga tttccgggat 240

tgaagattcg gttttgagct caaatcgtcg actgagtaat gggggttgat ccattcaaaa 300

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<210> 12318
<211> 214
<212> DNA

<213> Arabidopsis thaliana

<223> Clone ID: LIB25-079-Q1-E1-A1

<400> 12318

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taaatatttg atgtggcaaa actcttgtgg atcttgatgt tcaaacattc atgtctccgg 180

tgattagtga aatccttaga tctggtttaa ctat 214

<210> 12319
<211> 337
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
<223> Clone ID: LIB25-079-Q1-E1-A10

<400> 12319

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tctagatcga aaaaagcgaa taattcgttt tcatttgatt cttgcctaat cttagggtgt 180

ctttatttat ctaccaaaag aatgtctaat tatcngaagg agatgatgct gangtacatg 240

gaangacgta gatnatgaga tggaagatgt tgaaggatga aatggatgag ggaggtttcn 300

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<210> 12320
<211> 213
<212> DNA
<213> Arabidopsis thaliana

<223> Clone ID: LIB25-079-Q1-E1-A7

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agctgaaagt gcttgatttg attgagtctg aggtcacgga tgatgaagtg gattggatct 180

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<210> 12321
<211> 333
<212> DNA
<213> Arabidopsis thaliana

<223> unsure at all n locations
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<400> 12321

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tgagtgttag aagaagtaga agaagatgca gagggttagg gtttcatctc aaagagcagt 240

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<210> 12322
<211> 311
<212> DNA
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<223> Clone ID: LIB25-079-Q1-E1-B11

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ccatttccct tagacggagc acgagcaagc cgctctcacc ggattcaaca gctctctctg 180

cttcgcgaag gctttcctct tggaatcatt ccttctttgg ctcctgcttc tgacaagaga 240

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<210> 12323
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<212> DNA
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<223> Clone ID: LIB25-079-Q1-E1-B12